

Senate
Senate Chamber
Room 245 Engineering Building
WEDNESDAY, December 3, 2003
1:30 p.m.

A G E N D A

I MATTERS TO BE CONSIDERED IN CLOSED SESSION

1. Report of the Senate
Committee on Honorary Degrees

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.

II MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE

1. Report of the Senate Committee
on Curriculum and Course Changes: Part A Page 17
2. Proposed Academic Schedule for 2003-2004 Page 70

III MATTERS FORWARDED FOR INFORMATION

1. Report of the Senate Committee on Awards: Part A Page 77
2. Statement of Intent - Master of Arts in School Psychology Page 87

IV REPORT OF THE PRESIDENT

1. President's Report December 3, 2003 Page 95

V QUESTION PERIOD

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

VI CONSIDERATION OF THE MINUTES OF THE MEETING OF NOVEMBER 5, 2003

VII BUSINESS ARISING FROM THE MINUTES

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

1. Report of the Senate Executive Committee Page 115
2. Report of the Senate
Planning and Priorities Committee

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

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

1. a) Report of the Senate Committee
on Curriculum and Course Changes: Part B Page 116
- b) Report of the Senate
Planning and Priorities Committee
on Undergraduate Changes with
Resource Implications or Course
Changes Beyond Nine Credit Hours Page 130
2. Program Proposal - School of Music
Post-Baccalaureate Diploma in Performance Page 135
- a) Report of the Senate Committee on
Curriculum and Course Changes Page 160
- b) Report of the Senate Planning
and Priorities Committee Page 162
3. Report of the Senate Committee on Admissions
re: the Faculty of Nursing Page 164
4. Report of the Senate Committee on Appeals
- The Chair will make an oral report of the Committee's activities.
5. Report of the Senate Committee on Awards: Part B Page 166
6. Reports of the Senate Committee on Instruction and Evaluation
- a) Re: Faculty of Nursing Page 170
- b) Re: Time line for appealing final grades Page 172
- c) Re: Probation/Suspension Regulations in University 1 Page 174

X ADDITIONAL BUSINESS

1. Report of the *ad hoc* Committee of Election Page 175

XI ADJOURNMENT

Please call regrets to 474-6167.

/jml

November 17, 2003

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 in Section 8.21 of the *Senate Handbook*. SCCCC is "to recommend to Senate on the introduction, modification or abolition of undergraduate programs, curricula or courses".
2. Since last reporting to Senate, the Senate Committee on Curriculum and Course Changes (SCCCC) met on October 3, 6, 17, 22 and 24, 2003 to consider curriculum and course changes from Faculties and Schools.

Observations

1. General

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

2. Faculty of Agricultural and Food Sciences

The Faculty's Capstone Course **065.450 Agri-Food Systems** is proposed for deletion in 2004-2005 and replaced with program specific capstone courses with the same learning objectives as the faculty capstone course.

039.351 Cropping Systems is proposed as the capstone course in the Agronomy and Plant Systems Programs. To replace the faculty's capstone course 065.451 Applications in Agroecology is proposed for the Agroecology program, a new course **061.4XX Agribusiness Strategies Seminar** is proposed in the Agribusiness program and 035.456 Issues in Animal Agriculture is proposed for the Animal Systems program.

To allow more flexibility in the degree programs, the Philosophy Group of restricted electives, a faculty requirement, is reduced from 6 to 3 credits with 015.274 Ethics and Biomedicine incorporated into the list of restricted electives and 015.261 The History and Philosophy of Science and 015.285 Philosophy of Social Science being deleted from the list.

061.210 Economics of World Agriculture is proposed for deletion and replaced by the new course **061.1XX Economics of World Food Issues and Policies**. The course is also

proposed as a University 1 course.

The Agricultural Economics program is proposed for revision in 2004-2005 academic year. Currently the B.Sc. (Agribusiness) has two programs: Agricultural Economics and Agribusiness. The intent of the proposed revisions is to merge the programs, eliminate their associate core courses and add flexibility through more free electives. In place of these requirements the Agribusiness core is expandable by three courses (9 credit hours) with three optional specializations: Agricultural Economics, Agribusiness Management and International Agribusiness.

Changes are proposed for the Food Science Program to meet IFT accreditation standards with 078.401 Food Processing 2 course moved from the Group 1 restricted electives to a required course, 078.425 Food Analysis 2 course moved from Group 3 restricted electives to a required course and Group 1 and Group 3 restricted electives combined with Group 4 restricted electives to give one large group of restricted electives from which 6 credit hours (2 courses) being required. For implementation of these changes, those students who have completed 60 credit hours or less as of September 2004, would be required to complete the new program, while those students with more than 60 credit hours, but less than 90 credit hours, would have an option as to their choice of programs. Those students will more than 90 credit hours would be in the old program.

039.355 Organic Field Crop Production is being deleted and re-introduced under a new name **039.3XX Organic Crop Production on the Prairies**. Also, **039.0XX Organic Crop Production on the Prairies** is being introduced into the Diploma in Agriculture program. The degree and diploma courses will be co-taught but will have different evaluation criteria.

038.413 Principles of Insect Control and **038.431 Insect Pests of Crops** are proposed for deletion and replaced with the new course **038.3AB Crop Protection Entomology**. This introduced course will replace 038.413 in the restricted elective lists of the Agronomy and Plant Systems programs of the B.Sc. (Agriculture).

The prerequisite 001.354 is being removed for the course 065.351 Agroecology and replaced by 001.237, 022.237 or 065.237 along with a slight modification in the calendar description of 065.351.

040.411 Agricultural Pesticides is being deleted with some of the material being incorporated into a modified 039.354 Weed Science course. **038.454/040.454 Pesticides and Toxicology** are being deleted and renamed and modified to the new course **040.3XX Pesticides: Environment, Economics and Ethics**.

The Plant Science Department is proposing the deletion of **039.451 Plant Metabolism** and replacing it with the course **039.4YZ Secondary Plant Metabolism** in the Plant Systems program, the deletion of **039.450 Plant Genetics Engineering** and replacing it with the course **039.2XX Plant Biotechnology** in the Plant Systems program and the introduction of two new courses **039.4XX Developmental Plant Biology** and **039.4XY Plant Genomics**. These changes will lead the way for the replacement of the Plant Systems program by renaming it the Plant Biotechnology Program in the future.

3. **Faculty of Architecture**

The Environmental Design Program is proposing to delete course **079.318 History of Landscape Architecture in the 19th and 20th Centuries** and replace it with **079.3XB History of Landscape Architecture before 1900**. The Faculty also proposes to delete **079.323 Landscape Technology** and introduce **079.3XX Introduction to Landscape Ecology**, and **079.3XA Introduction to AutoCad in Design**.

In an effort to ensure that appropriate curriculum coincides with design studios, **079.368 Design Studio 5**, and **079.369 Design Studio 6** are being modified by adding pre and co-requisites.

4. **School of Art**

The School of Art wishes to replace **054.220 Advanced Drawing 1**, currently a 9 credit hour course, with **054.2XX Advanced Drawing 1**, a six credit hour course. This change will facilitate easier scheduling and allow students greater flexibility in choosing areas of focus in their programs.

Course **054.450 Bachelor of Fine Arts Thesis** (21 credit hours) is proposed for deletion, to be replaced by **054.4AB Bachelor of Fine Arts Thesis** (18 credit hours) and **054.4AC Bachelor of Fine Arts Thesis Seminar** (3 credit hours), both of which would be required in order to complete the four-year BFA Honours Degree. This change is proposed as students and faculty recognized the need to have an official Thesis Seminar course that instructs them on issues of professional practice.

5. **Faculty of Arts**

Anthropology

The Department of Anthropology supports the request of College Universitaire de Saint-Boniface to delete courses **076.120F Introduction à l'anthropologie**, **076.131F Introduction à la linguistique**, **076.203F Introduction à la muséologie**, and **076.250F Culture, milieu et technologie**. To add to their program, the College is proposing the introduction of six new courses, **076.2XXF Religions amérindiennes et inuites (B)**, **076.2XYF Arts, symboles et cultures (B)**, **076.2XZF La culture et l'individu (B)**, **076.3XXF Globalisation et mondialisation: une perspective anthropologique (B)**, **076.3XYF Ethnographie régionale (B)**, and **076.3XZF Histoire de la pensée anthropologique**.

To accommodate the teaching interests of faculty, the department is proposing the introduction of **076.2AA Anthropology of Travel and Tourism**. Course **076.396 Cultural Resource Management** is being modified by adding **076.290** as a pre-requisite.

In order to facilitate a course name change, course **076.290 Introduction to Archeological Research** will be deleted and replaced with **076.2XX Introduction to Archaeology**.

The Student Records Office brought to the attention of the department that a number of courses were on the system and had not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following courses: **076.101, 076.104, 076.108, 076.202, 076.259, 076.330, 076.720, 076.729, 076.750, 076.751, 076.752, 076.756, 076.757, 076.758, 076.760, 076.762, 076.792, and 076.798.**

Asian Studies

The Student Records Office brought to the attention of the program that a number of courses were on the system and had not been offered in a number of years. Accordingly, the Faculty recommends the formal deletion of the following courses: **150.141 and 150.211.**

Canadian Studies

The list of Approved Courses in Canadian Studies is being modified by adding courses from Political Studies and English. Further, course 151.373 Canadian Identity in the 20th Century: An Interdisciplinary Approach is being modified as the course description was too long to fit on the UMREG system.

Classics

As a result of the History Department's deletion of two courses, the department wishes to delete **011.206 The Emergence of the Medieval World (D)**, and **11.207 The Early and High Middle Ages, 800-1300 A.D. (D)** from their List A of approved courses offered by other departments acceptable for credit in Classical Studies.

The Student Records Office brought to the attention of the department that a number of courses were on the system and had not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following courses: **003.442, 003.444, 003.445, and 003.446.**

Drama

The English Department is proposing a number of changes to their program. As a result, five current English courses will have to be deleted and five new courses added to the List A of approved courses offered by other departments acceptable for credit towards a major in Drama.

Economics

The department is proposing a change to the requirements of the Honours program which would allow honours students to substitute general theory courses for the honours theory courses, provided certain grades were achieved in the general theory courses.

The Student Records Office brought to the attention of the department that a number of courses were on the system and had not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following courses: **018.132, 018.133, and 018.220.**

English

The department is proposing a re-organization of their courses at the 200 and 300 levels. Accordingly, the following courses are being deleted: 004.126 Twentieth-Century Literature in English, 004.206 Medieval Literature, 004.210 English Literature of the Sixteenth Century, 004.215 English Literature of the Seventeenth Century, 004.226 English Literature of the Restoration and Eighteenth Century, 004.228 Literature of the Romantic Period, 004.229 Literature of the Victorian Period, 004.253 A History of Critical Theory, 004.254 Contemporary Critical Theory, 004.285 British Literature of the Twentieth Century, 004.286 American Literature to 1900, 004.287 American Literature to the Twentieth Century, 004.288 Canadian Literature to 1967, 004.289 Canadian Literature after 1967, 004.295 Short Fiction 2, 004.297 Drama 2, 004.299 Poetry 2, 004.306 Studies in Middle English, 004.307 Studies in Chaucer, 004.310 Studies in Shakespeare, 004.311 Studies in Renaissance Literature, 004.315 Studies in Seventeenth-Century Literature, 004.316 Studies in Milton, 004.326 Studies in Restoration and Eighteenth Century, 004.328 Studies in the Romantics, 004.329 Studies in the Victorians, 004.353 Forms of Discourse, 004.360 Studies in Writing and Gender, 004.387 Studies in American Literature, 004.388 Studies in Canadian Literature, 004.391 Studies in Modern Literature, and 004.392 Studies in Post-Modernism.

As part of the same re-organization, the following courses are being introduced: 004.1XX Literature since 1900, 004.2QQ Canadian Literature, 004.2RR Literature of the Restoration and Eighteenth Century, 004.2RS Literature of the Romantic Period, 004.2VV Literature of the Victorian Period, 004.2WW British Literature since 1900, 004.2WX Literature of the Sixteenth Century, 004.2WY Literature of the Seventeenth Century, 004.2XX American Literature to 1900, 004.2XY American Literature since 1900, 004.2YY Medieval Literature, 004.2YZ The Novel, 004.2ZY History of Critical Theory: From Plato to the Present, 004.2ZZ Literature in Translation, 004.3SS Shakespeare, 004.3TX Short Fiction 2, 004.3TY Drama 2, 004.3TZ Poetry 2, 004.3VV Studies in Canadian Literature, 004.3VX Studies in Modernism, 004.3VY Studies in Post-Modernism, 004.3VZ Studies in American Literature, 004.3WW Studies in Writing and Gender, 004.3WX Studies in the Romantics, 004.3WY Studies in the Victorians, 004.3WZ Studies in Forms of Discourse, 004.3XX Chaucer, 004.3XY Milton, 004.3YZ Studies in Medieval Literature, 004.3ZY Studies in Restoration and Eighteenth-Century Literature, 004.3ZX Studies in Seventeenth-Century Literature, and 004.3ZZ Studies in Renaissance Literature.

A number of course prerequisites will be modified due to the deletion of 004.126. Further, the prerequisite for any 300-level course will be six credit hours of course work at the 200-level. This course re-organization results in changes to the General Major, Advanced Major, Minor, Honours Single and Honours Double programs. These changes appear on the chart in the recommendations section of this report.

The department is also proposing that the following statement be added to the description of the English Honours program, "Normally, to continue in the Honours Program, a minimum grade of "B" must be obtained in all English courses."

The Student Records Office brought to the attention of the department that a number of courses were on the system and had not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following courses: **004.091, 004.092, 004.121, 004.220, 004.221, 004.222, 004.304, 004.330, 004.331, 004.337, 004.338, 004.339, 004.354, 004.356, 004.357, 004.443, 004.476, 004.703, 004.704, 004.705, 004.706, 004.707, 004.708, 004.709, 004.710, 004.711, 004.714, 004.717, 004.719, 004.729, 004.730, 004.731, and 004.742.**

Film Studies

The English Department is proposing a number of changes to their program. As a result, eight current English courses will have to be deleted and seven new courses added to the List A of approved courses offered by other departments acceptable for credit towards a major in Film.

Global Political Economy

The Global Political Economy program is expanding their list of suggested electives to account for new courses in Political Studies.

History

In an effort to consolidate survey course in medieval history, to provide students with a more comprehensive background in medieval history, to enable staff to teach themes and chronology of medieval history and to allow non-European topics to be introduced into course material, courses **11.206W The Emergence of the Medieval World (D), 011.207W The Early and High Middle Ages, 800-1300 A.D. (D), and 011.209W The Middle Ages in Decline (D)** are being deleted and **011.2XXW The Medieval World (D)** is being introduced.

011.433 Selected Topics in Early British History (D,E) is being deleted and re-introduced as **011.4AA Selected Topics in British History (E)**. This change will allow for a more comprehensive range of topics to be covered under the course heading.

In an effort to augment the History Department's course offerings in Aboriginal history, **011.4XX History of Aboriginal Rights (C)** is being introduced.

The Student Records Office brought to the attention of the department that a number of courses were on the system and had not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following courses: **011.122, 011.233, 011.365, 011.454, 011.483, 011.713, 011.734, 011.735, 011.740, 011.743, and 011.764.**

Medieval and Renaissance Studies

Due to the History Departments introduction of **011.2XX The Medieval World**, the Medieval and Renaissance Studies program wishes to have this course included as a requirement for the General Major in Medieval and Renaissance Studies and the Minor in Medieval

Studies.

Native Studies

Having both been offered as popular summer session courses since 1999, the Department proposes the introduction of **032. 2XX Aboriginal Spirituality**, and **032.3XY Aboriginal Healing Ways**.

032.3XX Cultural Continuity and Change in Cumberland Sound is an integral part of the Baffin Island Summer School offered by the Department and has been offered as a topics course since 2001 and is now being introduced as a discrete course.

Philosophy

In an effort to provide a lower level course in the philosophy of language, the department is introducing **015.2AA Fundamentals of the Philosophy of Language**.

To allow for occasional topics courses below the seminar level, the department is introducing **015.2BB Special Topics 1**, and **015.2CC Special Topics 2**.

The Student Records Office brought to the attention of the department that a number of courses were on the system and had not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following courses: **015.246**, **015.247**, and **015.262**.

Religion

The Student Records Office brought to the attention of the department that a number of courses were on the system and had not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following courses: **020.133**, **020.202**, **020.234**, **020.331**, **020.340**, **020.342**, and **020.346**.

Women's Studies

The Women's Studies program proposes the addition of two courses from Slavic Studies to List A of courses acceptable for credit towards a major or minor in Women's studies.

5. Faculty of Education

Department of Curriculum, Teaching and Learning

Students in the Integrated B.Mus./B.Ed. Program only spend one full academic year in the Faculty of Education. Under the current system, the needs of such students in the early and middle years streams are not being adequately met. Accordingly, the Faculty recommends that students in the Integrated B.Mus./B.Ed. Program with an early/middle years specialization may take two 3 credit hour Education complementary courses in place of "two required courses" for the B.Mus./B.Ed. Early/Middle years specialization.

The faculty is also proposing the addition of prerequisites to courses **132.194 Integrated Programs School Experience 1** and **132.195 Integrated Programs School Experience 2** in an effort to confirm the sequence in which these two courses must be taken.

6. Faculty of Engineering

Department of Electrical and Computer Engineering

The department, in order to meet accreditation requirements, is proposing the deletion of **023.451 Engineering Algorithms** and the introduction of course **024.3XX Engineering Algorithms**. The new course will include a laboratory component.

Department of Mechanical and Industrial Engineering

Course **025.450 Mechanical Engineering Lab** is deleted and re-introduced as two courses **025.4X1 Mechanical Industrial Laboratory 1** and **025.4X2 Mechanical Engineering Laboratory 2**. This change will help to accommodate co-op students in the Mechanical Engineering Program. The faculty is proposing an amendment to their Second Degree in Mechanical and Industrial Engineering program to clarify the requirements for graduates of the Industrial Engineering program who seek a second degree in Mechanical Engineering.

The Faculty is also recommending that the Department of Mechanical and Industrial Engineering be re-named as the Department of Mechanical and Manufacturing Engineering. The name change is a reflection of the changes in the program curriculum offered to students.

7. Faculty of Human Ecology

The Student Records Office brought to the attention of the department that a number of courses were on the system and had not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following courses: **64.110, 64.324, 64.327, 64.335, 64.410, 64.411, 28.102, 28.304, 28.305, 28.306, 28.307, 28.404, 28.406, 62.202, 62.305, 62.309, 62.310, 62.315, 62.372, 62.418, 62.424, 62.425, 30.116, 30.206, 30.208, 30.209, 30.211, 30.303, 30.304, 30.307, 30.310, 30.311, 30.314, 30.317, 30.318, 30.322, 30.324, 30.325, 30.327, 30.328, 30.411, 30.415, 30.417, 30.419, 30.420, 30.421, 30.422, 30.423, and 30.424.**

The Faculty is also proposing that both admission and internal program requirements, Arts and Science courses will be courses as defined by the Faculties of Arts and Science, respectively. This is not a change but rather a clarification requested by the Student Advisor's Office.

The Faculty proposes that students be allowed to declare Voluntary Minors as part of the degree programs. A Voluntary Minor will allow students to use any Minor approved by another Faculty as part of the program. The Voluntary Minor promotes interdisciplinary content, promotes higher level courses in other areas, recognizes the specialization in the transcript and allows students to make more focused choices with their electives.

Department of Human Nutritional Sciences

The Department proposes the establishment of a Minor in Human Nutrition and Metabolism. The minor will allow students in other departments and faculties to declare a Minor in this area. Many students are completing the University 1 courses (30.120 and 30.121) and some are expressing an interest in taking more courses in the nutrition area as a non-major. The Minor in Human Nutrition and Metabolism is potentially of interest to students from the Faculties of Science, Pharmacy, Nursing, and Physical Education and Recreation Studies.

The Department proposes the modification of course prerequisites for 30.412. Senior Thesis to accommodate non-majors to enroll in 30.412.

The Department also proposes a Second Degree Program in Human Nutritional Sciences. Students with a previous degree (e.g. BSc, BA) who are taking courses to meet the academic requirements to apply for a dietetic internship are currently not receiving formal recognition of course work completed while enrolled in the faculty (other than the listing of courses on their transcript). Many of these students are completing greater than or equal to 60 credit hours of course work. The Department would also like to promote second degree opportunities for those interested in the Foods area or Human Nutrition. If the student's previous degree is a BSc, many of the required science courses will have been completed, and then free electives can be chosen to complement the student's career goals and perhaps complete a Minor.

8. Faculty of Law

The Faculty of Law is proposing the deletion of three courses, **045.308 International Law**, **045.335 Jurisprudence 2**, and **045.342 Criminal Law 2**.

9. Faculty of Management

Over the past year, the Collège universitaire de Saint-Boniface has reviewed its major in Management/Ressources humaines, has consulted with the Department of Business Administration, and has submitted a proposal to revise the major. The proposal for the major includes one required course to ensure coverage of essential topics plus the selection of three additional courses from a shorter, more focused list of courses. The list of courses includes the introduction of three courses that would be new to the Collège universitaire de Saint-Boniface but have been offered for many years in English by the Asper School of Business. These courses are **027.441F Dotation et développement des ressources humaines**, **027.442F Rémunération**, and **027.448F La négociation collective**.

Department of Accounting and Finance

The Department proposes the introduction of course **009.3XX Investment Banking**. The

course has been offered for several years as a topics course.

The Department of Accounting and Finance has reviewed its major in Management Information System and feels that the course 009.352 Data Communications and Networking should become a required course in the major. The course 009.352 is currently offered annually as an optional course for students. Students in the Management Information Systems major would still take 074.101 Introductory Computer Science I as it is a prerequisite for 009.351 Systems Analysis and Design and would use 074.101 as a required non-business elective.

10. **Faculty of Medicine**

The Faculty of Medicine evaluates all students for the purpose of progression and reporting on a pass/fail system. Courses 888.199 and 888.299 Summer Early Exposure, which were introduced last year will be modified to fall under the same evaluation system as all other courses in the Faculty.

11. **School of Music**

The School is proposing a number of changes. Course 033.446 Pedagogy and Repertoire will be modified by extracting the piano portion of the course. As a result, course **033.4AC Piano Repertoire** and course **033.4BD Piano Pedagogy** are being introduced. Course 033.138 Basic Skills 1 is modified to reflect current practice, which is to include keyboard skills in the course.

To reflect current faculty expertise, the following courses are being introduced: **033.3AC Performance Skills**, **033.3AA From Ragtime to Rock: A History of Popular Music**, **033.4AA Wind Repertoire**, **033.4AB Wind Conducting Techniques**, **033.4BC 20th to 21st Century Piano Repertoire**, **033.4XY Coaching Skills** and **033.4XW Operatic Piano**. To reflect current faculty expertise and provide courses in an emerging and new area of study, collaborative performance, course **033.4BB Piano Chamber Music Literature Seminar** is being introduced.

The School is also proposing the deletion of the following courses: **014.090 Sub Freshman Music**, **014.120 Music 1**, **014.121 Western Civilization**, **014.220 Music 2**, and **014.247 Western Civilization**.

12. **Faculty of Pharmacy**

The Faculty is proposing the introduction of a new course **046.4XX Principles of Biotechnology**.

13. **Faculty of Physical Education and Recreation Studies**

Athletic Therapy students in the Bachelor of Exercise and Sport Science Program currently take course 068.346 Introduction to Health Care Administration and Management, along

with Physical and Occupational Therapy students from the School of Medical Rehabilitation. The Faculty feels that it would be better to offer a course that outlines the principles of the course, with an athletic therapy focus. Accordingly, the faculty proposes the introduction of course **057.4XX Health and Wellness Practices in Athletic Therapy**.

The Faculty is also recommending that the Bachelor of Recreation Studies degree designation be changed to Bachelor of Recreation Management and Community Development, effective in September, 2004. In proposing the change, the Faculty noted that "the current degree name is far too narrow and ambiguous to adequately interpret the nature of the degree and the field of leisure services that it represents." The Faculty canvassed Deans and Directors regarding the change and received letters of support from the Faculties of Architecture, Human Ecology, Nursing, Dentistry, Science, the Asper School of Business, the School of Medical Rehabilitation, and University 1.

14. **Faculty of Science**

Warren Centre for Actuarial Studies and Research

Modifications to the Actuarial Mathematics Honours program are proposed. Specifically, 10.353 will replace 005.305 as a required course, and 10.353 will be deleted from the list of electives in year 3. Courses 005.350 and 005.360 may be taken in the year 2 or 3 of the program. Course 009.327 will be added as an elective in year 4 of the program.

Biology Program

In the past, students who had a minimum grade of 70% in high school Biology were allowed to use it in lieu of 071.125 Biology B for prerequisites purposes. This practice has not been recognized for several years, and the Biology program now proposes that the cessation of this practice be acknowledged. This is supported by the Faculty of Agricultural and Food Sciences.

Botany

The department is introducing new courses, **001.3XY Medicinal and Hallucinogenic Plants**, **001.4AA Plant Interactions**, and **001.4AB Molecular Genetics of Plant Development** to accommodate the expertise of new staff.

Course **001.402 Forest Botany** is being deleted and re-introduced as third year course **001.3XX Forest Botany**.

Course **001.403 Plant Anatomy and Microtechnique** is being deleted and re-introduced as third year course **001.3BB Plant Anatomy**.

The department is also proposing the deletion of courses **001.320 Introductory Scientific Photography**, and **001.322 Fungal Physiology**.

Chemistry

The Student Records Office brought to the attention of the department a number of Chemistry courses are on the system and have not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following courses: 002.202, 002.203, 002.204, 002.205, 002.206, 002.207, 002.208, 002.209, 002.210, 002.225, 002.302, 002.303, 002.304, 002.305, 002.306, 002.308, 002.310, 002.311, 002.312, 002.313, 002.314, 002.315, and 002.448.

The department is also proposing changes to their program requirements as outlined in the chart in the recommendations section of this report.

Computer Science

As a result of a curriculum review, the department proposes the introduction of courses **074.4CS Computer Systems and Architecture**, and **074.4OS Operating Systems 2**. Course 074.414 Introduction to Cryptography and Cryptosystems is being modified by adding a restriction, limiting the course to students registered in fourth year of a major or honours program in the Department of Computer Science.

Computer Science-Mathematics Joint Honours Program

This program is being modified to provide increased flexibility for students in the Joint Honours and Joint Honours Cooperative Option programs.

Computer Science-Physics and Astronomy Joint Honours Program

This program is being modified to account for new courses in the Department of Physics and Astronomy.

Mathematics

The department is proposing the introduction of new course **136.4AT Algebraic Topology**. Additionally, program changes are proposed for Mathematics programs and are outlined in the chart in the recommendations section of this report

Mathematics-Actuarial Mathematics Joint Program

The Mathematics-Actuarial Mathematics Joint Program will be modified by having course 010.353 replace 005.305 as a required course in year 3 of the program. Accordingly, 010.353 will be deleted from the Recommended Electives List.

Mathematics-Physics and Astronomy Joint Honours Program

The Mathematics-Physics and Astronomy Joint Honours Program will be modified by replacing courses 016.250 and 016.370 with 016.2AA and 016.3BB.

Microbiology

The department is proposing the deletion of courses **060.120, 060.203, 060.302, 060.334, 060.336, 060.338, and 060.462**. These courses, although not offered for many years, have never been formally deleted. The Student Records Office has asked faculties to review the courses offered by their departments to ensure that the records are up to date.

Course 060.223 Introductory Biogeochemistry is being modified by adding a restriction to students who have previously obtained credit in, or are currently registered in 060.432.

Microbiology-Chemistry Joint Biochemistry Program

This program change, for College universitaire de Saint-Boniface only, will replace course 136.120 with 005.100 as a required course in the B.Sc. Joint Major in Biochemistry at College universitaire de Saint-Boniface.

Physics and Astronomy

The department is proposing the deletion of courses **016.122, 016.123, 016.126, 016.127, 016.131, 016.132, 016.222, 016.223, 016.342, 016.344, 016.345, 016.346, 016.347, 016.348, 016.350, 016.440, 016.442, 016.443, 016.445, 016.453, and 016.455**. These courses, although not offered for many years, have never been formally deleted. The Student Records Office has asked faculties to review the courses offered by their departments to ensure that the records are up to date.

The department, in order to re-number and present the courses a sequence of three, is proposing the deletion of **016.250 Modern Physics 1, 016.370 Modern Physics 2, and 016.437 Wave Mechanics** and the introduction of **016.2AA Quantum Physics 1, 016.3BB Quantum Physics 2, and 016.4CC Quantum Physics 3**.

Zoology

Courses 022.253 Human Physiology 1, 022.253F Physiologie du corps humain 1 and 022.353 Control System Physiology are being modified by having the prerequisites include 022.133, as it provides sufficient base information.

Courses offered in other faculties and schools acceptable for credit in the Faculty of Science

Proposed course changes in the Faculty of Agricultural and Food Science, and the School of Music necessitate modifications to the list of courses offered in other faculties and schools acceptable for credit in the Faculty of Science.

Proposed Changes to Honours Regulations

Following a faculty wide review, the Faculty of Science is proposing two distinct recommendations regarding their Honours Regulations. The first recommends

amendments to the existing Honours Regulations - more clearly stated entry requirements, a raised performance level and a redefinition of requirements for First-Class Honours. The second is essentially an enabling recommendation that, if approved, would make it possible for departments and programs to define their own Honours requirements more broadly than is presently the case.

Proposed Change to prerequisite wording in the General Calendar

The Faculty of Science is proposing that as prerequisite requirements, all instances of "consent of instructor" be changed to "consent of department".

15. **University 1**

University 1 proposes that the new course 061.1XX Economics of World Food Issues and Policies be added to the University 1 course list.

Recommendations

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

Faculty of Agricultural and Food Sciences

Faculty of Architecture

School of Art

Faculty of Arts

Faculty of Education

Faculty of Engineering

Faculty of Human Ecology

Faculty of Law

Faculty of Management

Faculty of Medicine

School of Music

Faculty of Pharmacy

Faculty of Physical Education and Recreation Studies

Faculty of Science

University 1

Respectfully submitted,

Professor B. L. Dronzek, Chair
Senate Committee on Curriculum and Course Changes

/jml

Faculty of Agricultural and Food Sciences

Courses to be deleted:

065.450 Agri-Food Systems - 3

The following program courses replace the Faculty's Capstone Course 065.450 Agri-Food Systems:

- | | | |
|----|-----------------|---|
| a) | Agronomy: | 039.351 Cropping Systems |
| b) | Plant Science: | 039.351 Cropping Systems |
| c) | Agroecology: | 065.451 Applications in Agroecology |
| d) | Animal Systems: | 035.456 Issues in Animal Agriculture |
| e) | Agribusiness: | 061.4XX Agribusiness Strategies Seminar |

NET CHANGE IN CREDIT HOURS: -3

Department of Food Science

The Food Processing 2 (78.401) course be moved from the Group 1 Restricted Electives to a Required Course.

The Food Analysis 2 (78.425) course be moved from the Group 3 Restricted Electives to a Required Course.

The Group 1 and Group 3 restricted electives be combined with the Group 4 restricted electives to give 1 large group of restricted electives from which 6 credit hours (2 courses) would be required.

Department of Plant Science

Courses to be deleted:

039.450	Plant Genetic Engineering	-3
039.451	Plant Metabolism	-3
039.355	Organic Crop Production	-3

Courses to be introduced:

039.2XX Plant Biotechnology +3

An introduction to current biotechnological techniques, including recombinant DNA, plant tissue culture, molecular markers, plant transformation and regeneration. A background to the techniques as well as a discussion of their applications in current biology and crop production will be examined. A laboratory will provide first hand experience with many of the techniques.

039.4XX	Plant Geonomics	+3
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An introduction to plant genomics including mapping and sequencing genomes, gene expression, transcriptome, comparative, functional and integrative genomics. Also covers

gene constructs, plant transformation and a wide- ranging consideration of transgenic crop issues. Theory and practice of genomics will be examined. A laboratory will provide hands-on experience of several genomics techniques.

039.4YZ Secondary Plant Metabolism +3

An examination of secondary plant metabolism at the biochemical and molecular levels covering chlorophylls and haems, lipids, amino acids, phenolics, terpenes, and alkaloids. Biosynthesis, structure, and function of these metabolites will be put in context of their roles as hormones, plant defence compounds, pharmaceuticals, mitigators of environmental stresses, and regulators of cellular and organ physiology.

039.4XX Developmental Plant Biology +3

An introduction to mechanisms regulating morphogenesis and plant growth and development. Emphasis will be on experimental approaches used to investigate pattern formation at subcellular, cellular, tissue, and organ levels. A heavy tissue culture component in the lab will implement the lecture topics and will provide new insights into ways to study plant development in vitro.

039.3XX Organic Crop Production on the Prairies +3

Management principles and practices involved in the production of organic field and forage crops with a focus on the Canadian Prairie Region. Prerequisite: 039.250 and 040.351 or consent of instructor.

Course to be modified:

039.354 Weed Science (3)

Identification, biology, and ecology of weeds of agricultural importance in western Canada, including principles of cultural, mechanical, biological and chemical weed control. Topics include weed interference, affects of rotational and management practices on weed species composition, herbicide selectivity and mechanisms of action, factors influencing herbicide efficacy and carry-over problems, herbicide drift and environmental contamination, emerging control technologies. Prerequisites: 071.125.

NET CHANGE IN CREDIT HOURS:

+6

Department of Entomology

Courses to be deleted:

038.413	Principles of Insect Control	-3
038.431	Insect Pests of Crops	-3
038.454	Pesticides and Toxicology	-3

Course to be introduced:

038.3AB Crop Protection Entomology +3

A course for students requiring a foundation in entomology and knowledge of major insect pest groups in western Canada. The pests and principles for their control (chemical, cultural, mechanical, physical and biological methods) are explored with emphasis on the entire agroecosystem. Students may not hold credit in 038.3AB and the former 038.413 and 038.431.

NET CHANGE IN CREDIT HOURS:**-6**Department of Agribusiness

Course to be deleted:

061.210 Economics of World Agriculture -3

Courses to be introduced:

061.1XX Economics of World Food Issues and Policies +3

Determinants of global food consumption, production and the factors underpinning food security and malnutrition. The importance of international trade in balancing countries' supply and demand for food, examination of trade barriers and institutions facilitating trade. Not to be held with the former 061.210.

061.4XX Agribusiness Strategies Seminar +3

This course will provide participants with insights into management strategies and decision-making, as well as the responsibilities, tensions and pressures of being an agribusiness CEO. Classes will be given by CEOs followed by a debriefing session. Students must have completed 90 credit hours towards a degree in Agribusiness.

Revision to the Agribusiness program:

Agribusiness and Agricultural Economics**5.3 Bachelor of Science (Agribusiness)**

Agribusiness students specialize in the people component of agriculture. This begins with the consumer, ends with the producer and involves all those along the food chain. Food production and distribution is undertaken in a business environment and agribusiness is the study of decision-making within this setting. Graduates gain insight into the agribusiness environment through mastering concepts in economics, finance, marketing and management. In addition to the faculty core courses, all students are required to take the B.Sc. (Agribusiness) degree core requirements. Students in Agribusiness are not required to take University 1 Chemistry as part of the Faculty Core requirement.

Through the choice of restricted electives, students will specialize in either agricultural economics, agribusiness management or international agribusiness. The respective agricultural economics, agribusiness management or international agribusiness options involve selecting restricted electives from courses offered by either the Department of Economics, or the Faculty of Management, or the Faculty of Arts through their cross-disciplinary programs.

Students selecting an option in agricultural economics qualify for a minor in economics, and by electing another three credit hours in Economics at the 300 level they would qualify for a major.

The international agribusiness option involves taking a minor in one of the cross disciplinary programs in the Faculty of Arts. International agribusiness requires knowledge of languages, cultures, and international political history, in addition to the other business skills required by the B.Sc. (Agribusiness) degree.

B.Sc. (Agribusiness) Degree Core Course Requirements

Course No.	Credit Hours
005.200 Basic Statistical Analysis 2	3

009.110 Introductory Financial Accounting	3
018.245 Microeconomic Theory and Its Applications 1	3
018.247 Macroeconomic Theory and Its Applications 1	3
027.244 Human Resource Management	3
061.251 Introduction to Agricultural and Food Marketing	3
061.252 Introduction to Management Sciences	3
061.308 Introduction to Econometrics	3
061.350 Agricultural and Food Policy	3
061.354 Financial Risk Management	3
061.4XX Agribusiness Strategies Seminar	3

Three courses (nine credit hours) from the following:

039.250 Crop Production (3)

035.250 Animal Production (3)

065.237 Principles of Ecology (3)
(001.237 or 022.237)

061.239 Introduction to Environmental Economics (3)	9
	42

Total credit hours

NOTE: In place of 018.245 and 018.247, students planning graduate study should consider taking the following Honours courses which require written permission from the head of the Department of Economics prior to registration: 018.270 and 018.280.

Restricted Electives

Three courses (9 credit hours) from either Group 2 (Agricultural Economics Option) or Group 3 (Agribusiness Management Option), or six courses (18 credit hours) from Group 4 (International Agribusiness Option):

Group 1

Three credit hours from the following:

015.129 Critical Thinking (3)

015.275 Ethics and the Environment (3) 015.283 Business Ethics (3)

015.274 <i>Ethics and Biomedicine</i> (3)	3
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Agricultural Economics Option

Group 2

At least nine credit hours from the Department of Economics, with three credit hours at the 300 level.

9

Agribusiness Management Option**Group 3**

At least nine credit hours from the Faculty of Management 9

International Agribusiness Option**Group 4**

Minor in Asian Studies or Central and East European Studies 18 or Latin American Studies as defined in the Faculty of Arts chapter of this Calendar under cross-disciplinary programs.

21-30

Free electives

Department of Soil Science

Courses to be Deleted:

040.411	<u>Agricultural Pesticides</u>	-3
040.454	<u>Pesticides and Toxicology</u>	-3

Course to be introduced:

40.3XY Pesticides: Environment, Economics and Ethics +3

A comprehensive examination of the benefits and risks of pesticide use. Topics include: Characteristics of pesticide products and formulations used in western Canada; History, practice, successes and failures in the use of pesticides in agriculture; Pesticide use for protecting human health; Pesticide fate processes in air, soil and aquatic environments; Economical and environmental impact of pesticide application drift; Atmospheric pesticide contamination; Pesticide surface and groundwater contamination; Pesticide toxicity to organisms, including humans; Pesticide residues in food; Pesticide regulations; Pesticide risk indicators; Alternatives to pesticides. Not to be held with the former 038.454 or 040.454.

NET CHANGE IN CREDIT HOURS: -3

Diploma Program

Course to be introduced:

039.0XX Organic Crop Production on the Prairies +3
Management principles and practices involved in the production of organic field and forage crops with a focus on the Canadian Prairie Region. Prerequisite: 065.042, 039.041, 040.042, 038.062 or consent of instructor.

NET CHANGE IN CREDIT HOURS: +3

Faculty of Architecture

Courses to be modified:

79.368 Design Studio 5 (6-0:0-0)(6)
Studies in the principles, vocabularies and methods of approach to landscape architectural and environmental design. Studio work with specific projects to exercise the analytical, the

conceptual and the developmental stages of design. *Prerequisite:* 079.264. *Corequisites:* 079.318, 079.321, 079.322, 079.324.

79.369 Design Studio 6 (6-0:0-0) (6)

Studies in the principles, vocabularies and methods of approach to landscape architectural and environmental design. Studio work with specific projects to exercise the analytical, conceptual and developmental stages of design. *Prerequisite:* 079.368, 079.318, 079.322, 079.324. *Corequisite:* 079.321.

Courses to be deleted:

79.318 History of Landscape Architecture in the 19th and 20th Centuries -3

079.323 Landscape Technology -3

Courses to be introduced:

079.3XX Introduction to Landscape Ecology +3

This course complements 079.324 Plants, Landscape and Design and uses the concept of sustainability to guide explorations of environmental ethics; ecological structure, function and change; and design topics such as ecological restoration, wetland creation and phytoremediation.

079.3XA Introduction to AutoCad in Design +3

The course will familiarize the student with the AutoCad program. The course content begins at an introductory level and will progress to a level which will prepare the student for work within a professional office. The course will explore the use of AutoCad for the creation of presentation drawings as well as working drawings. *Prerequisite:* 079.265, 079.215, 050.637 or written permission of Instructor.

079.3XB History of Landscape Architecture before 1900 +3

History of Landscape Architecture globally, beginning with the Paradise Gardens in Persia and concluding with the design of public parks in North America. *Prerequisite:* 079.269 or consent of instructor.

NET CHANGE IN CREDIT HOURS: +3

Faculty of Arts

Department of Anthropology

Courses to be deleted:

076.120F Introduction à l'anthropologie (A) -6

076.131F Introduction à la linguistique (A) -3

076.203F Introduction à la muséologie (B) -3

076.250F Culture, milieu et technologie (B) -3

076.290 Introduction to Archaeological Research (D) -3

Courses to be introduced:

076.2AA Anthropology of Travel and Tourism (B) +3

Anthropological approaches to the study of cultural practices and phenomena of travel and tourism. Travel is examined in various social, historical, and cultural contexts as a way of seeing and experiencing the world. Emphasis is placed on the intersection of culture, colonialism, capitalism, and globalization, with practices of travel, including mass tourism. *Prerequisite:* a grade of "C" or better in one of: 076.120, 076.122, or 076.152 or written consent of the instructor.

076.2XXF Religions amérindiennes et inuites (B) +3

Étude comparative et interprétative des valeurs, croyances et pratiques religieuses propres aux traditions autochtones. Une attention particulière sera accordée aux religions traditionnelles, à l'impact du christianisme sur ces religions, et à l'émergence de la spiritualité autochtone contemporaine en mettant l'accent sur l'expérience et les structures, fonctions et significations des mythes, récits et rituels qui composent l'idéologie religieuse autochtone. Donné au Collège universitaire de Saint- Boniface.

076.2XYF Arts, symbols et cultures (B) +3

Étude des contextes sociaux et des fonctions des comportements artistiques et symboliques humains dans une perspective comparative. Donné au Collège universitaire de Saint- Boniface. Préalable : une note minimale de C dans un des cours suivants : 076.120, 076.122, 076.152, l'ancien 076.109 ou l'autorisation écrite du professeur.

076.2XZF La culture et l'individu (B) +3

Étude des corrélations entre le cycle de vie, les fonctions et dysfonctions psychologiques, et les institutions sociales et culturelles. l'accent est mis sur les rituels d'enculturation et du cycle de vie. Donné au Collège universitaire de Saint-Boniface. Préalable : une note minimale de C dans un des cours suivants: 076.120, 076.122, 076.152, l'ancien 076.109 ou l'autorisation écrite du professeur.

076.3XXF Globalisation et mondialisation: une perspective anthropologique (B) +3

Perspective anthropologique sur la mondialisation et sur l'expansion du capitalisme dans les zones périphériques du monde. Étude de la transformation des sociétés et cultures autochtones; de l'émergence des conflits ethniques; et de la résistance. Approche comparative de processus transnationaux et globaux particuliers. Donné au Collège universitaire de Saint-Boniface. Préalable : une note minimale de C dans le 076.239 ou l'autorisation écrite du professeur.

076.3XYF Ethnographie régionale (B) +3

Survol ethnographique de la culture d'une aire géographique d'intérêt pour le département ou l'étudiant. L'aire étudiée peut changer d'une année à l'autre. Donné au Collège universitaire de Saint-Boniface. Préalable : une note minimale de C dans un des cours suivants: 076.120, 076.122, 076.152 ou l'autorisation écrite du professeur.

076.3XZF Histoire de la pensée anthropologique (B) +3

Étude du développement des principaux paradigmes des courants théoriques et méthodologiques en anthropologie. Une étudiante ou un étudiant ne peut se faire créditer à la fois le 076.347 et l'ancien 076.320. Donné au Collège universitaire de Saint-Boniface. Préalable : une note minimale de C dans le 076.239 ou l'autorisation écrite du professeur.

076.2XX Introduction to Archaeology (D) +3

A general introduction to the principles of archaeology and the materials, analyses and interpretations encountered in archaeological study. *Prerequisite:* a grade of "C" or better in 076.120 or 076.121 or written consent of instructor.

Course to be modified:

076.396 Cultural Resource Management (D,E) (3)

A survey of concepts, methods and techniques used in the management of cultural, especially archaeological, heritage resources. The roles of public agencies, private contractors, and heritage legislation in Canadian CRM are reviewed. *Prerequisite:* a grade of "C" or better in 076.290 or written consent of instructor.

Net change in credit hours: + 6 Hours

Old courses to be formally deleted: 076.101, 076.104, 076.108, 076.202, 076.259, 076.330, 076.720, 076.729, 076.750, 076.751, 076.752, 076.756, 076.757, 076.758, 076.760, 076.762, 076.792, and 076.798.

Asian Studies Program

Old courses to be deleted: 150.141 and 150.211.

Canadian Studies Program

Course to be modified:

151.373 Canadian Identity in the 20th Century: An Interdisciplinary Approach (3)
An interdisciplinary lecture/seminar (art, economics, history, literature) course which will explore Canadian Identity in the 20th Century. Themes to be studied will include the Aboriginal past, French/British colonization, Land/Regions and Ethnic diversity.

The List of Approved Courses in Canadian Studies is being expanded to include:
019.3ZA Canadian Political Parties (3) 019.4ZA Provincial Politics in Canada (3) 019.4ZB Manitoba Politics and Government (3) 004.2QQ Canadian Literature (3) 004.3VV Studies in Canadian Literature (3).

NET CHANGE IN CREDIT HOURS: +0 HOURS

Classics

Modification of List of approved courses offered by other departments acceptable for credit in Classical Studies deletion from List A of:

011.206 The Emergence of the Medieval World (D) (3)

011.207 The Early and High Middle Ages, 800-1300 A.D. (D) (3)

Old courses to be formally deleted: 003.442, 003.444, 003.445, and 003.446.

NET CHANGE IN CREDIT HOURS: +0 HOURS

Drama

Modification of List A of approved courses offered by other departments acceptable for credit towards a major in Drama. deletion from List A of:

004.297 Drama 2 (3), 004.310 Studies in Shakespeare (6), 004.311 Studies in Renaissance Literature (6), 004.326 Studies in Restoration and Eighteenth Century (6), 004.353 Forms of Discourse (6)

addition to List A of:

004.3TY Drama 2 (3), 004.3SS Shakespeare (3), 004.3ZZ Studies in Renaissance Literature (3), 004.3ZY Studies in Restoration and Eighteenth Century (3), 004.3WZ Studies in the Forms of Discourse (3)

NET CHANGE IN CREDIT HOURS: 0 HOURS

Economics

Addition of the following footnotes to the tabular material:

"For the purposes of satisfying program requirements in the Honours programs and of satisfying course prerequisites, General theory courses are acceptable substitutes for Honours theory courses according to the following schedule:

As a substitute for 018.270, ONE of the following conditions must be satisfied: (i) grades of B or better in each of 018.245 and 018.246; (ii) a grade of A or better in 018.245.

As substitute for 018.280, ONE of the following conditions must be satisfied: (i) grades of B or better in each of 018.247 and 018.248; (ii) a grade of A or better in 018.247."

Old courses to be formally deleted: 018.132, 018.133, and 018.220.

NET CHANGE IN CREDIT HOURS: 0 HOURS

English

Courses to be deleted:

004.126	Twentieth-Century Literature in English	-6
004.206	Medieval Literature	-3
004.210	English Literature of the Sixteenth Century	-3
004.215	English Literature of the Seventeenth Century	-3
004.226	English Literature of the Restoration and Eighteenth Century	-3
004.228	Literature of the Romantic Period	-3
004.229	Literature of the Victorian Period	-3
004.253	A History of Critical Theory	-3
004.254	Contemporary Critical Theory	-3
004.285	British Literature of the Twentieth Century	-3
004.286	American Literature to 1900	-3
004.287	American Literature to the Twentieth Century	-3
004.288	Canadian Literature to 1967	-3
004.289	Canadian Literature after 1967	-3
004.295	Short Fiction 2	-3
004.297	Drama 2	-3
004.299	Poetry 2	-3
004.306	Studies in Middle English	-6
004.307	Studies in Chaucer	-6
004.310	Studies in Shakespeare	-6
004.311	Studies in Renaissance Literature	-6
004.315	Studies in Seventeenth-Century Literature	-6
004.316	Studies in Milton	-6
004.326	Studies in Restoration and Eighteenth Century	-6
004.328	Studies in the Romantics	-6
004.329	Studies in the Victorians	-6
004.353	Forms of Discourse	-6
004.360	Studies in Writing and Gender	-6
004.387	Studies in American Literature	-6
004.388	Studies in Canadian Literature	-6
004.391	Studies in Modern Literature	-6
004.392	Studies in Post-Modernism	-6

Courses to be introduced:

004.1xx Literature since 1900 +6

An introduction to the study of literature, with emphasis on the development of reading and writing skills. Poetry, prose and drama from Canada, Britain, the United States and other countries. Texts for each section will be announced. Students may not hold for credit both 004.1xx and the former 004.126. English 40S or the former English 300 are strongly recommended, but English 40G or the former 301 or 305 will also be accepted.

004.2qq Canadian Literature +6

A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold for credit both 004.2qq and the former 004.288 or the former

004.289. *Prerequisite:* a grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2ww British Literature since 1900 +6

A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold for credit both 004.2ww and the former 004.285. *Prerequisite:* a grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2wx Literature of the Sixteenth Century +6

A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold for credit both 004.2wx and the former 004.210. *Prerequisite:* a grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2vv Literature of the Victorian Period +6

A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold for credit both 004.2vv and the former 004.229. *Prerequisite:* a grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2rs Literature of the Romantic Period +6

A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold for credit both 004.2rs and the former 004.228. *Prerequisite:* a grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2rr Literature of the Restoration and Eighteenth Century +6

A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold for credit both 004.2rr and the former 004.226. *Prerequisite:* a grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2wy Literature of the Seventeenth Century +6

A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold for credit both 004.2wy and the former 004.215. *Prerequisite:* a grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2xx American Literature to 1900 +6

A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold for credit both 004.2xx and the former 004.286. *Prerequisite:* a grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2xy American Literature since 1900 +6

A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold for credit both 004.2xy and the former 004.287. *Prerequisite:* a

grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2yy Medieval Literature +6

A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold for credit both 004.2yy and the former 004.206. *Prerequisite:* a grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2yz The Novel +6

A survey of the development of the novel as a genre. *Prerequisite:* a grade of "C" or better in 004.120, 004.1 xx (or the former 004.126) or both 004.131 and 004.134.

004.2zy History of Critical Theory: From Plato to the Present +6

A survey of critical theory, with some emphasis on application. Students may not hold for credit both 004.2zy and the former 004.253 or the former 004.254. *Prerequisite:* a grade of "C" or better in 004.120, 004.1xx (or the former 004.126) or both 004.131 and 004.134.

004.2zz Literature in Translation +3

Content of this course will vary from year to year and from section to section. See the course descriptions available from the English Department. Each section of this course will be double-numbered with the department of the instructor teaching the course. Restrictions: See note 5 in the program table under section 8.11.3 English. *Prerequisite:* a grade of "C" or better in 004.120, 004.1 xx (or the former 004.126) or both 004.131 and 004.134.

004.3ss Shakespeare +6

Critical study of the works of this author, including historical context. Students may not hold for credit both 004.3ss and the former 004.310. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3tx Short Fiction 2 +3

Advanced study of selected topics. Students may not hold for credit both 004.3tx and the former 004.295. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3ty Drama 2 +3

Advanced study of selected topics. Students may not hold for credit both 004.3ty and the former 004.297. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3tz Poetry 2 +3

Advanced study of selected topics. Students may not hold for credit both 004.3tz and the former 004.299. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3vv Studies in Canadian Literature +3

Students may not hold for credit both 004.3vv and the former 004.388. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3vx Studies in Modernism +3

Students may not hold for credit both 004.3vx and the former 004.391. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3vy Studies in Post-Modernism +3

Students may not hold for credit both 004.3vy and the former 004.392. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3vz Studies in American Literature +3

Students may not hold for credit both 004.3vz and the former 004.387. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3ww Studies in Writing and Gender +3

Students may not hold for credit both 004.3ww and the former 004.360. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3wx Studies in the Romantics +3

Students may not hold for credit both 004.3wx and the former 004.328. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3wy Studies in the Victorians +3

Students may not hold for credit both 004.3wy and the former 004.329. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3wz Studies in Forms of Discourse +3

Students may not hold for credit both 004.3wz and the former 004.353. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3xx Chaucer +6

Critical study of the works of this author, including historical context. Students may not hold for credit both 004.3xx and the former 004.307. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3xy Milton +6

Critical study of the works of this author, including historical context. Students may not hold for credit both 004.3xy and the former 004.316. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3yz Studies in Medieval Literature +3

Students may not hold for credit both 004.3yz and the former 004.306. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3zx Studies in Seventeenth-Century Literature +3

Students may not hold for credit both 004.3zx and the former 004.315. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3zy Studies in Restoration and Eighteenth-Century Literature +3

Students may not hold for credit both 004.3zy and the former 004.326. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

004.3zz Studies in Renaissance Literature +3

Students may not hold for credit both 004.3zz and the former 004.311. *Prerequisite:* a grade of "C" or better in six hours of English at the 200 level.

6 credit hours of 200-level courses will be the prerequisite for all 300-level courses. As a result of this change, the prerequisite for the following courses:

3tx, 3ty, 3tz, 3xx, 3ss, 3xy, 3yz, 3zz, 3zx, 3zy, 3wx, 3wy, 3vx, 3vy, 3vz, 3vv, 3ww, 3wz,

305, 319, 366, 367, 380, 390, 393 will read: "*Prerequisite:* a grade of "c" or better in 6 hours of English at the 200 level."

The prerequisite for the following courses:

2yy, 2wx, 2wy, 2rr, 2rs, 2vv, 2ww, 2xx, 2xy, 2qq, 2yz, 2zy, 2zz, 219, 247, 255, 260, 276,

283, 284, 290, 293, 294, 296, 298, 350, 379 will read: "*Prerequisite:* a grade of "c" or better in 004.120 or 004.1xx (or the former 004.126) or both 004.131 and 004.134."

Also, under 8.11.3 in the University Undergraduate Calendar, the chart under "University

1" listing prerequisite requirements should be changed, as follows:

replace "004.120, or 004.126, or both 004.131 and 004.134" with "004.120, or 004.1xx (or

the former 004.126), or both 004.131 and 004.134."

New program chart for English as follows:

8.11.3 English, Department Code: 004

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
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GENERAL MAJOR^{1,2,3,5} TOTAL: 30 CREDIT HOURS

004.120 or 004.1XX (or the former 004.126) or both 004.131 and 004.134	24 credit hours in general courses to include at least 9 credit hours of Literature Prior to the Twentieth Century ⁵ [of the credit hours listed above, at least 6 credit hours must be at the 300 level].
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ADVANCED MAJOR^{1,2,3,5} TOTAL: 48 CREDIT HOURS

004.120 or 004.1XX (or the former 004.126) or both 004.131 and 004.134	42 credit hours in general courses ⁴ to include at least 15 credit hours of Literature Prior to the Twentieth Century ⁵ [of the credit hours listed above, at least 6 credit hours must be at the 300 level].
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MINOR^{1,3,5} TOTAL: 18 CREDIT HOURS

004.120 or 004.1XX (or the former 004.126) or both 004.131 and 004.134 12 credit hours in general courses to include at least 6 credit hours of Literature Prior to the Twentieth Century⁵ [of the credit hours listed above, at least 3 credit hours must be at the 300 level].

HONOURS SINGLE^{1,5,6}

004.120 or 004.1XX (or the former 004.126) or both 004.131 and 004.134 • 004.2ZY (in Year 2)

• 24 credit hours of Literature Prior to the Twentieth Century⁵, of which 12 credit hours is to be in literature prior to 1700 selected from the following English courses: 004.2YY, 004.2WX, 004.2WY, 004.305, 004.3YZ, 004.3XX, 004.3SS, 004.3ZZ, 004.3ZX, 004.3XY.

• 6 credit hours in Canadian literature, selected from the following English courses: 004.2QQ, 004.3VV⁷

• 12 credit hours in other literature after 1900, selected from the following English courses: 004.2WW, 004.2XY, 004.283, 004.284, 004.3VX, 004.3VY⁷

• 9 credit hours in other English courses [of the credit hours listed above, at least 9 credit hours must be at the 300 level].

• 9 credit hours in Honours seminars (400 level) in Years 3 and 4. Honours seminars that are double-numbered with a graduate course will be limited to fourth-year Honours students.

• 24 credit hours in ancillary options

HONOURS DOUBLE^{1,3,5}

004.120 or 004.1XX (or the former 004.126) or both 004.131 and 004.134 • 004.2ZY (in Year 2)

• 18 credit hours of Literature Prior to the Twentieth Century⁵

• 6 credit hours in other English courses [of the credit hours listed above, at least 6 credit hours must be at the 300 level].

• 6 credit hours in Honours seminars (400 level). Honours seminars that are double-numbered with a graduate course will be limited to fourth-year Honours students.

• 36 credit hours in second honours field

• 6 credit hours in ancillary options

NOTES:

¹ See "(B) Introductory Courses" below for restrictions on the number of courses numbered at the 100 level that may be taken for credit.

² Students may offer up to 6 credit hours in Film Studies courses, with the exception of 152.129 (or the former 099.129) and 152.130 (or the former 099.130), toward both the 3-year and the 4-year Major in English. Any Film Studies course so applied may not also be offered toward a Minor in Film Studies.

³ Film Studies course 152.228 may be used as an English course to satisfy the English course requirements. If it is used as such, it may not also be applied to a minor in Film Studies or as an ancillary option in Honours.

⁴ Credit in 004.200 may be offered toward the 48 hours in general courses required for a Major (Advanced).

⁵ Students may offer up to 6 credit hours in 004.2ZZ Literature in Translation to satisfy requirements for a General Major, Advanced Major, Single Honours or Double Honours. Students may offer up to 3 credit hours in 004.2ZZ to satisfy the "literature prior to the twentieth century" requirement for a General Major, Advanced Major, Single Honours or Double Honours. Students may not offer 004.2ZZ to satisfy the requirements for a Minor.

⁶ Film and Theatre courses, other than Introductory (100 level), may be used for credit towards an Honours program (Single).

⁷ Certain courses that vary in content from year to year, such as Honours seminars and Special Topics courses, may also satisfy this requirement, as determined by the Department.

Old courses to be formally deleted: 004.091, 004.092, 004.121, 004.220, 004.221, 004.222, 004.304, 004.330, 004.331, 004.337, 004.338, 004.339, 004.354, 004.356, 004.357, 004.443, 004.476, 004.703, 004.704, 004.705, 004.706, 004.707, 004.708, 004.709, 004.710, 004.711, 004.714, 004.717, 004.719, 004.729, 004.730, 004.731, and 004.742.

NET CHANGE IN CREDIT HOURS: 0 HOURS

Film Studies

Modification of List A of approved courses offered credit towards a major in Film.

deletion from List A of:

004.286 American Literature to 1900 (3) 004.287 American Literature of the Twentieth Century (3) 004.288 Canadian Literature to 1967 (3) 004.289 Canadian Literature from 1967 (3) 004.297 Drama 2 (3) 004.310 Studies in Shakespeare (3) 004.388 Studies in Canadian Literature (6) 004.381 Studies in Modern Literature (6)

addition to List A of:

004.2XX American Literature to 1900 (6) 004.2XY American Literature since 1900 (6) 004.2QQ Canadian Literature (6) 004.3TY Drama 2 (3) 004.3SS Shakespeare (6) 004.3VV Studies in Canadian Literature (3) 004.3VX Studies in Modernism (3)

NET CHANGE IN CREDIT HOURS: 0 HOURS

Global Political Economy

Revised Program Chart as follows:

8.16.2 Global Political Economy, Program Code: 157			
UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR TOTAL: 60 CREDIT HOURS			
<ul style="list-style-type: none"> • Anthropology: 076.239; 076.332 • Economics: 018.120 or 018.121 and 018.122; 018.254; 018.255; 018.263 • History: 12 credit hours from: 011.137, 011.138, 011.150, 011.238, 011.272 • Political Studies: 019.150; 019.204 • Sociology: 077.120; 077.347 or 077.369 			
ADVANCED MAJOR TOTAL: 78 CREDIT HOURS			
<ul style="list-style-type: none"> • Anthropology: 076.239; 076.332; 076.375 • Economics: 018.120 or 018.121 and 018.122; 018.254; 018.255; 018.263 • Global Political Economy: 157.270; 157.470 • History: 12 credit hours from: 011.137, 011.138, 011.150, 011.238, 011.272 • Political Studies: 019.150; 019.3YB; 019.3YC • Sociology: 077.120; 077.229; 077.347 or 077.369 			

NET CHANGE IN CREDIT HOURS: 0

History

Courses to be deleted:

011.206W	The Emergence of the Medieval World (D)	-3
011.207W	The Early and High Middle Ages 800-1300 A.D. (D)	-3
011.209W	The Middle Ages in Decline (D)	-3
011.433	Selected Topics in Early British History (D,E)	-6

Courses to be introduced:

011.2XXW The Medieval World(D) +6
A survey of the society and culture of the Middle Ages, from 500-1500. Students may not hold credit for 011.2XX and any more than one of the former 011.206, 011.207 or 011.209.

011.4AA Selected Topics in British History(E) +6
A seminar course whose content will vary. A description of the course is available in advance at the History department office. *Prerequisite:* written consent of department head.

011.4XX History of Aboriginal Rights(C) +6
A study of Aboriginal rights from early contact to the present with a particular emphasis on treaties, the courts, and Aboriginal efforts to enforce specific forms of rights. *Prerequisite:* written consent of department head.

NET CHANGE IN CREDIT HOURS: +3 HOURS

Old courses to be formally deleted: 011.122, 011.233, 011.365, 011.454, 011.483, 011.713, 011.734, 011.735, 011.740, 011.743, and 011.764.

Medieval and Renaissance Studies

Modification of General Major to include History 011.2XX on the list of six credit hours of History courses. Under Minor add "must include History 011.2XX".

NET CHANGE IN CREDIT HOURS: +0 HOURS

Native Studies

Courses to be introduced:

032.2XX Aboriginal Spirituality +3
This course allows students to work with Aboriginal elders or traditional teachers, exposing them to cultural and spiritual concepts. Emphasis is on Anishinabe or Cree teachings, though other First Nations approaches may be offered. This course may include a field trip component. Students may not hold credit for both 032.2XX and 032.300 when titled "Aboriginal Wisdom and Spirituality"

032.3XX Cultural Continuity and Change in Cumberland Sound +3

This course examines the rich and complex history of Cumberland Sound. The course also discusses the specific character of Inuit culture in Cumberland Sound and, in a series of lectures on contemporary community dynamics, looks at recent expressions of culture. Students may not hold credit for both 032.3XX and 032.300 when titled "Culture and History in Cumberland Sound".

032.3XY Aboriginal Healing Ways +3

This course allows students to work with Aboriginal elders or traditional teachers on concepts of healing and wellness. Emphasis is on Anishinabe or Cree healing practices, though other First Nations approaches may be offered. This course may include a field trip component. Students may not hold credit for both 032.3XY and 032.300 when titled "Exploring Aboriginal Healing". Prerequisite: a grade of "C" or better in 032.2XX or written consent of the department head.

NET CHANGE IN CREDIT HOURS: +9

Philosophy

Courses to be introduced:

015.2AA Fundamentals of the Philosophy of Language +3

An introduction to theories of language, including those of Gottlob Frege and Bertrand Russell. The course deals with a variety of linguistic phenomena pertaining to names, definite descriptions, demonstratives, identity sentences, and belief reports. *Prerequisite:* a grade of "C" or better in six credit hours of 100-level philosophy or 30 hours of university credit.

015.2BB Special Topics 1 +3

Topics will vary. *Prerequisite:* a grade of "C" or better in three credit hours of philosophy or 30 hours of university credit.

015.2CC Special Topics 2 +3

Topics will vary. *Prerequisite:* a grade of "C" or better in three credit hours of philosophy or 30 hours of university credit.

NET CHANGE IN CREDIT HOURS: +9

Old courses to be formally deleted: 015.246, 015.247, and 015.262.

Religion

Old courses to be formally deleted: 020.133, 020.202, 020.234, 020.331, 020.340, 020.342, and 020.346.

Women's Studies

The following courses are added to the List A of courses acceptable towards a major or minor in Women's Studies; 052.397 Women and Ukrainian Literature (3) and 052.398 Women and Russian Literature (3).

School of Art

Courses to be deleted:

054.220	Advanced Drawing 1	-9
054.450	Bachelor of Fine Arts Thesis	-21

Courses to be introduced:

054.22A	<u>Advanced Drawing 1</u>	+6
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Creative use of drawing with emphasis on the human figure.

054.4AB	<u>Bachelor of Fine Arts Thesis</u>	+18
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Thesis in area of Major. Prerequisite: a minimum grade of 'B' in one of the following nine credit hour (Major) courses: 054.349; 054.360; 054.361; 054.362; 054.363; 054.364 or 054.389 and 054.390; 054.365; or 054.366. Students are also required to take a 3 credit hour Thesis Seminar.

054.4AC	<u>Bachelor of Fine Arts Thesis Seminar</u>	+3
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Thesis seminar. Prerequisite: a minimum grade of 'B' in one of the following nine credit hour (Major) courses: 054.349; 054.360; 054.361; 054.362; 054.363; 054.364 or 054.389 and 054.390; 054.365; or 054.366. Students are also required to take 18 credit hour Thesis course.

NET CHANGE IN CREDIT HOURS: +3

Faculty of Education

Department of Curriculum, Teaching and Learning

Courses to be modified:

132.194 Integrated Programs School Experience 1 (3).

For students in the Integrated Bachelor of Human Ecology/Bachelor of Education and Bachelor of Music/Bachelor of Education programs. Practical teaching experience in schools under the guidance and supervision of faculty members and collaborating teachers. *Prerequisite:* 132.120 for Integrated B.Mus./B.Ed. and 132.124 for Integrated B.H.Ec./B.Ed. *Corequisite:* 132.152.

132.195 Integrated Programs School Experience 2 (3).

For students in the Integrated Bachelor of Human Ecology/Bachelor of Education and Bachelor of Music/Bachelor of Education programs. A continuation of practical teaching experience in schools under the guidance and supervision of faculty members and collaborating teachers. *Prerequisite:* 132.194, 132.224 for Integrated B.Mus./B.Ed. and 132.229 for B.H.Ec./B.Ed. *Corequisite:* 132.153.

NET CHANGE IN CREDIT HOURS: 0

Faculty of Engineering

Electrical and Computer Engineering

Course to be deleted:

023.451 Engineering Algorithms -3

Course to be introduced:

024.3XX Engineering Algorithms +4

Numerical algorithms, optimization, statistical description of data random number generation, string processing, geometric algorithms, algorithm machines, dynamic programming and NP complete problems. *Prerequisite:* 074.214. *Corequisite:* 136.310.

NET CHANGE IN CREDIT HOURS: +1

Mechanical and Industrial Engineering

Course to be deleted:

025.450 Mechanical Engineering Lab -4

Courses to be introduced:

025.4X1 Mechanical Engineering Laboratory 1 +3

Advanced laboratory course on topics covering different disciplines within mechanical engineering. Comprehensive experiments followed by submission of laboratory reports will be required. One lecture/week will be provided on issues related to experimental techniques.

025.4X2 Mechanical Engineering Laboratory 2 +3

Advanced laboratory course on topics covering different disciplines within mechanical engineering. Comprehensive experiments followed by submission of laboratory reports will be required. One lecture/week will be provided on issues related to experimental techniques.

Courses Required by Graduates of the Industrial Engineering Program to Obtain a Second Degree in Mechanical Engineering: (Changes in bold)

1. 25.342 Vibrations and Acoustics
2. 25.347 Heat Transfer IIIM
3. 25.348 Dynamics

4. 25.349 Advanced Fluid Mechanics of Design
5. 25.350 Stress Analysis and Design IIIM
6. 25.353 Computer Aided Engineering Design and Analysis
7. 25.450 Mechanical Engineering Laboratory
8. 25.465 Machine Design IVM
9. 25.468 Energy Conversion and Utilization
10. 25.482 Computation Methods for Thermofluids
11. Any course of the candidate's choice approved by the Head of the Department of Mechanical and Industrial Engineering.
12. **Any course of the candidate's choice approved by the Head of the Department of Mechanical and Industrial engineering**

Technical Electives:

The student must either take three technical electives or designate three courses from the completed Industrial Engineering Program as technical electives. The electives must be approved by the Head of the Department of Mechanical and Industrial Engineering.

Re-naming of the Department: to the "Department of Mechanical and Manufacturing Engineering".

NET CHANGE IN CREDIT HOURS +2

Faculty of Human Ecology

New regulations in Human Ecology:

1. For both admission and internal program requirements, Arts and Science courses will be courses as defined by the Faculties of Arts and Science, respectively.
2. Students in the Faculty of Human Ecology (B.H.Ecol and B.Sc. programs) may, if they wish, declare and complete a Minor from departments and interdisciplinary programs in which a Minor is offered. The Family Studies Minor is available through the Faculty of Human Ecology. Information about Minors in programs other than Human Ecology is found in the appropriate description of departmental/school/faculty/program offerings in the Undergraduate Calendar. Completion of a Minor is entirely optional. Students may not, however, declare both

their Major and Minor from the same department/interdisciplinary program. No course may be used as part of a prescribed program in the Faculty of Human Ecology and also be part of a prescribed Minor. For example, if a course in Chemistry is part of a student's degree requirements in the Faculty of Human Ecology, it cannot be used as part of a Minor in another program. Completion of a Minor may require that a student take more than the minimum number of credit hours for graduation.

Department of Human Nutritional Sciences

Course to be modified:

030.412 Senior Thesis (3)

The preparation and presentation of a report based on a survey of the literature or on a laboratory investigation of an approved topic. *Prerequisite:* 84 credit hours in the Human Nutritional Sciences Program or enrolment in Minor in Human Nutrition and Metabolism. Application required. Limited Enrolment.

Minor in Human Nutrition and Metabolism

The Minor in Human Nutrition and Metabolism (18 credit hours) requires the following courses:

30.120 Food: Facts and Fallacies,
 30.121 Nutrition for Health and Changing Lifestyles,
 30.214 Basic Principles of Nutrition,
 30.330 Vitamins and Minerals in Human Health,
 30.331 Macronutrients and Human Health,
 and one of 30.412 Senior Thesis, or
 30.454 Functional Foods and Nutraceuticals

Second Degree Program in Human Nutritional Sciences

For those intending to apply for a Dietetic Internship, the second degree program meets the

course requirements in Human Nutritional Sciences, but not all the other supporting course requirements (for example, psychology/sociology, humanities or social sciences, microbiology, research methods, communication arts, basic principles of management).

Required courses (See note 1):

24 credit hours	2.130 University 1: Structure and Modeling in Chemistry (see note 2) 2.132 University 1: Introduction to Organic Chemistry (See note 2) 2.277 Elements of Biochemistry 1 (See note 3) 2.278 Elements of Biochemistry 2 (See note 4) 5.100M Basic Statistical Analysis 1 5.200 Basic Statistical Analysis 2 22.132 Anatomy of the Human Body OR 71.125 Biology B (If Biology B is taken, the additional 3 credit hours are considered to be free electives) 22.133 Physiology of the Human Body (See note 5)
21 credit hours	30.214 Basic Principles of Human Nutrition 30.216 Principles of Food Preparation and Preservation 30.330 Vitamins and Minerals in Human Health 30.331 Macronutrients and Human Health 30.332 Nutrition Education and Dietary Change 30.333 Ingredient Technology for Designed Foods 30.429 Food, Nutrition and Health Policies

Elective courses:

53

9 credit hours from Human Nutritional Sciences (choose 1 of 3 options):

A. Dietetics Preparation

30.334 Food Service Management Systems

30.414 Quantity Food Production and Management

30.432 Nutrition Management of Disease States

B. Human Nutrition

30.432 Nutrition Management of Disease States

6 h from: 30.430 Community Nutrition Intervention, 30.431 Nutrition and the Elderly, 30.434 Maternal and Child Nutrition, 30.435 Nutrition in Exercise and Sport

C. Foods

30.215 Composition, Functional and Nutritional Properties of Foods

30.326 Food Quality Evaluation

30.454 Functional Foods and Nutraceuticals

6 credit hours of free electives

Notes:

1. Students must complete 60 h while enrolled in the second degree program. If any 1

of the required courses have been completed in the previous degree, free electives are chosen to meet the 60 h requirement. Students are not required to satisfy the Written English requirement.

2. Under required courses, students can take either 2.132 University 1 Chemistry: An

Introduction to Organic Chemistry, or 2.131 University 1 Chemistry: An

Introduction to Physical Chemistry. Students can take 2.221 Introduction to

Organic Chemistry 1: Structure and Function and 2.222 Introduction to Organic Chemistry 2: Reactivity and Synthesis instead of 2.130 and 2.131 or 2.132. For students who do not take 2.221 and 2.222, 2.132 is preferred

3. Under required courses, students can take either 2.277 Elements of Biochemistry or

2.236/60.236 Biochemistry 1: Bio-molecules and an Introduction to Metabolic " Energy.

4. Under required courses, students can take either 2.278 Elements of Biochemistry 2, or

2.237/60.237 Biochemistry 2: Catabolism, Synthesis, and Information Pathways.

5. Under required courses, students can take either 22.133 Physiology of the Human Body, or 22.253 Human Physiology 1 and 22.254 Human Physiology 2.

Old courses to be formally deleted: 64.110, 64.324, 64.327, 64.335, 64.410, 64.411, 28.102, 28.304, 28.305, 28.306, 28.307, 28.404, 28.406, 62.202, 62.305, 62.309, 62.310, 62.315, 62.372, 62.418, 62.424, 62.425, 30.116, 30.206, 30.208, 30.209, 30.211, 30.303, 30.304, 30.307, 30.310, 30.311, 30.314, 30.317, 30.318, 30.322, 30.324, 30.325, 30.327, 30.328, 30.411, 30.415, 30.417, 30.419, 30.420, 30.421, 30.422, 30.423, and 30.424.

Faculty of Law

Courses to be deleted:

045.308	International Law	-4
045.335	Jurisprudence 2	-2
045.342	Criminal Law 2	-2

NET CHANGE IN CREDIT HOURS: -8

Faculty of ManagementCollège universitaire de Saint-Boniface

Courses to be introduced:

027.441 Dotation et développement des ressources humaines +3

Le cours est une analyse approfondie et pratique des problèmes de dotation et de développement des ressources humaines au sein des organisations. À travers ce cours, les étudiant(e)s développeront leurs habiletés d'intervention dans des domaines tels que La planification des emplois, le recrutement et la sélection, L'évaluation de la performance, l'analyse des besoins de formation, l'implantation et le contrôle d'un programme de formation, etc. *Préalable: le 027.244.*

027.442 Rémunération +3

Ce cours est une analyse des principaux concepts et des systèmes de rémunération incluant : stratégie, équité salariale, compétitivité, reconnaissance des contributions individuelles, incitatifs de performance, avantages sociaux, politiques gouvernementales, rôle des syndicats dans la rémunération, incidences et gestion du processus de rémunération. *Préalable : le 027.244.*

027.448 La négociation collective +3

Ce cours est une analyse des éléments et enjeux de la négociation collective et de la gestion des conventions collectives et une analyse du cadre juridique des négociations publiques et privées. Le système canadien de relations industrielles est comparé à d'autres systèmes nationaux. *Préalable: le 027.345 ou l'ancien 027.341.*

NET CHANGE IN CREDIT HOURS: +9

Revised Human Resource Management/Industrial Relations major in the Baccalauréat en administration des affaires:

027.345 Relations industrielles (anciennement 027.341 Gestion des relations de travail) (3)
Plus any 9 credit hours from the following courses (or other course in Gestion des

ressources humaines/relations industrielles with a preliminary authorization of management):

027.441 Dotation et développement des ressources humaines (3)

027.442 Rémunération (3)

027.448 La négociation collective (3)

027.451 Gestion de la diversité (3)

027.452 Relations industrielles comparées (3)

027.454 Innovation en gestion des ressources humaines (3)

Department of Accounting and Finance

Course to be introduced:

009.3XX Investment Banking +3

The practice and theory of investment banking including valuation, initial public offerings, mergers and acquisitions, and restructuring. *Prerequisite:* 009.220 (C+).

NET CHANGE IN CREDIT HOURS: +3

Change in Requirements in the Management Information Systems Major

The change in requirements of the Management Information Systems is from 074.101, 009.350, 009.351, and 009.450 to 009.350, 009.351, 009.352, and 009.450.

Faculty of Medicine

Courses to be modified:

888.199 Summer Early Exposure Elective 1

An optional non-credit elective which will provide, for interested medical students completing their first or second year, an opportunity to experience work in a clinical specialty area of medicine under the supervision of a faculty member or other professional approved by the Faculty.

888.299 Summer Early Exposure Elective 2

An optional non-credit elective which will provide, for interested medical students completing their first or second year, an opportunity to experience work in a clinical specialty area of medicine under the supervision of a faculty member or other professional approved by the Faculty.

NET CHANGE IN CREDIT HOURS: 0

School of Music

Courses to be deleted:

014.090	Sub Freshman Music	-6
014.120	Music 1	-6
014.121	Western Civilization	-6
014.220	Music 2	-6
014.247	Western Civilization	-6

Courses to be modified:

033.446 Pedagogy and Repertoire (3)

A consideration of approaches to the teaching of style and technique, through an examination of the repertoire for the student's major practical study.

033.138 Basic Skills 1 (2)

A practical approach to the cultivation of critical aural perception: specifically to develop sight singing, transcription and piano keyboard skills.

Courses to be introduced:

033.3AC Performance Skills +3

For performance majors in the School of Music. Provides training in performance-related skills of the music profession, including such topics as acting, body awareness, self promotion, career management, master classes, concert organizing, concert promotion and participation.

033.3AA From Ragtime to Rock: A History of Popular Music +3

A survey of popular music in North America and Britain from the ragtime craze and Tin Pan Alley tradition, through the development of blues and country to the emergence of Rhythm and Blues and Rock'n'Roll. The second part of the course traces the various styles and developments in rock music from the British Invasion to the present day.

033.4AA Wind Repertoire +3

A selected survey of wind literature from 1500 to the present.

033.4AB Wind Conducting Techniques +3

A study of the psychological, philosophical and practical aspects of conducting wind ensembles at all levels (entry to professional).

033.4AC Piano Repertoire +3

A comprehensive survey of major composers and their compositions for solo piano. (Required course for piano performance majors.)

033.4BB Piano Chamber Music Literature Seminar +3

A selected survey of piano chamber music.

033.4BC 20th to 21st Century Piano Repertoire +3

Piano repertoire from 1900 to the present.

033.4XX Piano Pedagogy +3

An introduction to teaching of styles and techniques through an examination of piano repertoire. (Required course for piano and organ majors in Performance and General Concentrations.)

033.4XY Coaching Skills +3

Introduction to and training in philosophies and techniques of vocal coaching including both song and operatic repertoire.

033.4XW Operatic Piano +3

Development of skills required of an operatic pianist, including standard arias, operatic scores, working with conductors and developing an orchestral sound. My include participation in community opera events (by audition only).

NET CHANGE IN CREDIT HOURS: 0

Faculty of Pharmacy

Course to be introduced:

046.4XX Principles of Biotechnology +3

Introduction of biotechnology in pharmaceutical sciences and pharmacy. Students will be introduced to concepts from molecular biology, immunology, biotechnology, and pharmacogenomics.

NET CHANGE IN CREDIT HOURS: +3

Faculty of Physical Education and Recreation Studies

Course to be introduced:

057.4XX Health and Wellness Practices in Athletic Therapy +3

Overview of health and wellness practices in Athletic Therapy with the focus on issues relevant to the development and management of an Athletic Therapy business/clinical practice.

Change in degree designation:

Effective in September, 2004, the Bachelor of Recreation Studies degree will be re-designated as the Bachelor of Recreation Management and Community Development.

NET CHANGE IN CREDIT HOURS: +3

Faculty of Science

Actuarial Mathematics Program:

Modifications to the program as follows:

4.1.2 Actuarial Mathematics, Department Code: 010

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS ACTUARIAL² 120 CREDIT HOURS			
136.169 (B), (or 136.150 ¹ and 136.170 ¹ (B)), 136.130 ¹ (B), and 005.200 ³ , 005.100	010.202, 010.212, 010.221, and 136.275 (or 136.270 and 136.271), 027.215 ⁵	010.313, 010.323, 010.333, 010.353, 005.350 ⁶ , 005.360 ⁶ , 136.370	010.414, 010.415, 010.424, 010.434, 005.347 ⁴ or 005.312 ⁴ , 005.349 ⁴ , 136.230 ⁵

Plus 6 credit hours from the
Faculty of Arts, which should
include the required "W" course

30 Hours	30 Hours	30 Hours	30 Hours
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JOINT MATHEMATICS-ACTUARIAL MATHEMATICS HONOURS: See Section 4.12, Mathematics

JOINT STATISTICS-ACTUARIAL MATHEMATICS HONOURS: See Section 4.16, Statistics

NOTES:

¹ 136.151, 136.152 or 136.153 may be taken instead of 136.150; 136.131 may be taken instead of 136.130; 136.171 or 136.173 may be taken instead of 136.170.

² The courses required in this program will satisfy the university mathematics requirement.

³ 005.200 may be taken in University 1 or Year 2.

⁴ 005.347 or 005.312 and (or) 005.349 may be taken in Year 3 or 4.

⁵ 136.230 and 027.215 may be taken in Year 2, 3 or 4.

⁶ 005.350 and 005.360 may be taken in Year 2 or 3.

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

The electives in Year 3 and Year 4 are to be chosen from Actuarial Mathematics, approved Business courses, Computer Science, Economics, Mathematics (136.220 and 300 or 400 level) and Statistics (005.348 or 400 level courses). Other electives may be selected through consultation with the program director.

Recommended Electives

University 1: Computer Science 074.101; Economics 018.120

Year 2: Accounting and Finance 009.110, 009.111, 009.220; Economics 018.245

Year 3: Accounting and Finance 009.341

Year 4: Accounting and Finance 009.327; Actuarial Mathematics 010.405, 010.406; Business Administration 027.200, 027.423; Statistics 005.414.

The changes are:

1. Replace Statistics 005.305 as a required course in the Honours Actuarial program with Actuarial Mathematics 010.353 as 010.353 is now being offered.
2. Add FOOTNOTE 6: Statistics 005.350 and 005.360 may be taken in Year 2 or 3.
3. In the Recommended Electives add Accounting and Finance 009.327 to Year 4 and delete Actuarial Mathematics 010.353 from Year 3, as it is now a requirement.

Biology Program

The past practice of allowing students who had a minimum grade of 70% in high school Biology (BCSC) to use it in lieu of 071.125 Biology B for prerequisites purposes is discontinued.

Botany

Courses to be deleted

001.320	Introductory Scientific Photography	-3
001.322	Fungal Physiology	-3L

- 001.402 Forest Botany -3L
 001.403 Plant Anatomy and Microtechnique -3L

Courses to be introduced

001.3BB Plant Anatomy+3L

A study of the anatomical aspects of the growth and development of plant cells, tissues, and organs. Laboratory exercises will complement this material. Not to be held with the former 001.316 or 001.403. *Prerequisite:* 001.201.

001.3XX Forest Botany +3

An examination of the structure and dynamics of plant communities in forested ecosystems. Topics include forest type classification, physiological and anatomical responses of representative forest species, decomposition and nutrient cycling, disturbance and forest succession. Not to be held with the former 001.402. *Prerequisites:* 001.201 (or the former 001.230) and 001.237 (022.237 or 065.237), or consent of the department.

001.3XY Medicinal and Hallucinogenic Plants +3

A botanical and historical survey of medicinal, hallucinogenic and poisonous plants used in various cultures. *Prerequisite:* a minimum of 30 hours of university credit, or consent of the department.

001.4AA Plant Interactions +3L

This course examines the ecology of interactions between plants and their biotic environment – other plants, animals and soil microbes. Emphasis is placed on the ecology and evolution of individual and population responses. *Prerequisite:* 001.237 (022.237 or 065.237). Offered in 2005-2006 and alternate years thereafter.

001.4AB Molecular Genetics of Plant Development +3

Analysis of plant development at the molecular level. Recent advances in model system genetics will be highlighted including seedling, root, shoot, and flower development as well as environmental responses. *Prerequisite:* 001.246. Offered in 2005-2006 and alternate years thereafter.

NET CHANGE IN CREDIT HOURS: +3

Chemistry

Revised program chart as follows:

4.6.3⁴ Chemistry, Department Code: 002

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS 123 CREDIT HOURS			
002.130(B), 002.131(B), 016.105(C) (or 016.102(C+)) and 016.107(C), 136.150 ¹ (C), 136.170 ¹ plus one of 136.120, 136.130 ¹ with a grade of "C"	002.236 (060.236) ² At least 12 credit hours from: 002.221, 002.222, 002.228, 002.229, 002.237 (060.237), 002.238, 002.247, Whichever of: 136.120, 136.130 ¹ not yet taken ³	At least 18 credit hours from: any of 002.221, 002.222, 002.228, 002.229, 002.237 (060.237), 002.238, 002.247, not yet taken, and 002.336, 002.337, 002.338, 002.339, 002.358, 002.457, 002.468, 002.469 Plus 12 credit hours of electives ⁵ which may include 6 credit hours of Chemistry ⁶	002.460 and 002.471 Plus sufficient credit hours from Chemistry courses not yet taken ⁶ to total a minimum of 63 credit hours Plus sufficient electives ⁵ to total a minimum of 33 credit hours
Plus 6 credit hours of electives ² Plus 12 credit hours of electives ⁵ which may include 6 credit hours of Chemistry ⁶			
In University 1 or Year 2 the following must be completed:			
6 credit hours from the Faculty of Arts, which should include the required "W" course.			
30 Hours	30 Hours	30 Hours	33 Hours
FOUR YEAR MAJOR⁷ 120 CREDIT HOURS			
002.130(C+), 002.131(C+), 016.105 (or 016.102) and 016.107, 136.150 ¹ , 136.170 ¹ plus one of 136.120, 136.130 ¹	002.236 (060.236) ² At least 12 credit hours from: 002.221, 002.222, 002.228, 002.229, 002.237 (060.237), 002.238, 002.247, Whichever of 136.120, 136.130 ¹ not yet taken ³ Plus 12 credit hours of electives ⁵ which may include 6 credit hours of Chemistry ⁶	At least 18 credit hours from: any of 002.221, 002.222, 002.228, 002.229, 002.237 (060.237) 002.238, 002.247, not yet taken, and 002.336, 002.337, 002.338, 002.339, 002.358, 002.457, 002.468, 002.469 Plus 12 credit hours of electives ⁵ which may include 6 credit hours of Chemistry ⁶	002.460 Sufficient credit hours from Chemistry courses not yet taken ⁶ to total a minimum of 57 credit hours Plus sufficient electives ⁵ to total a minimum of 30 credit hours
Plus 6 credit hours of electives ²			
In University 1 or Year 2 the following must be completed:			
6 credit hours from the Faculty of Arts, which should include the required "W" course.			
THREE YEAR GENERAL			
002.130(C) and 002.131(C)	A minimum of 12 credit hours from: 002.221, 002.222, 002.228, 002.229, 002.238, 002.247		
MINOR			
002.130 (C) and 002.131 (C)	Normally 002.221 and 002.222, plus an additional 6 credit hours		
JOINT MICROBIOLOGY-CHEMISTRY HONOURS AND FOUR YEAR MAJOR IN BIOCHEMISTRY: See Section 4.2 Biochemistry Program			
JOINT MICROBIOLOGY-CHEMISTRY HONOURS IN BIOTECHNOLOGY: See Section 4.4 Biotechnology Program			
NOTES:			
¹ 136.151, 136.152 or 136.153 may be taken in place of 136.150; 136.131 may be taken in place of 136.130; 136.171 or 136.173 may be taken in place of 136.170; 136.169 may be taken in place of 136.150 and 136.170.			
² Students in either the Honours or the four year Major program should note that the prerequisite 071.125 will be waived for 002.236(060.236). (Students who intend on applying for admission to other faculties or programs must be aware of requirements which include 071.125).			
³ Other combinations of mathematics courses may be acceptable with the approval of the department head.			
⁴ The courses required in this program will satisfy the university mathematics requirement.			
⁵ Electives chosen during Years 2, 3 and 4 must include at least nine credit hours of Science courses other than Chemistry at the 200 level or higher.			
⁶ Students must complete a minimum of six credit hours in each of the following subject areas:			

Analytical: 002.247, 002.347

Inorganic: 002.238, 002.338, 002.457, 002.468

Organic: 002.221, 002.222, 002.339, 002.358, 002.458, 002.469

and nine credit hours of *Physical/Polymers:* 002.228, 002.229, 002.336, 002.337, 002.349, 002.464, 002.465

⁷ IMPORTANT: The four year Major program need not be completed in the manner prescribed in the chart above. The chart indicates one possible arrangement of the required courses and is meant to be a guide around which students can plan their program.

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

The changes are:

1. Mathematics 136.170 has been added as a required course in Year 1 as it is a corequisite to Physics 016.107 which is also a required course in Year 1.
2. FOOTNOTE 2 changed to: "Students in either the Honours or the four year Major program should note that the prerequisite 071.125 will be waived for 002.236(060.236). (Students who intend on applying for admission to other faculties or programs must be aware of requirements which include 071.125)."

Old courses to be formally deleted: 002.202, 002.203, 002.204, 002.205, 002.206, 002.207, 002.208, 002.209, 002.210, 002.225, 002.302, 002.303, 002.304, 002.305, 002.306, 002.308, 002.310, 002.311, 002.312, 002.313, 002.314, 002.315, and 002.448.

Computer Science

Course to be modified:

074.414 Introduction to Cryptography and Cryptosystems +3
Change prerequisite from "074.213" to "074.213. Students must be registered in fourth year of a Major or Honours programme in the Department of Computer Science."

Courses to be introduced:

074.4CS Computer Systems and Architecture+3
Investigation of today's modern computer architecture and system design concepts, including requirements, specifications, and implementation. Instruction sets, instruction-level parallelism, speculative execution, multi-threaded architectures, memory hierarchy, multiprocessors, storage design and implementation, and interconnection networks. *Prerequisite:* 074.337.

074.4OS Operating Systems 2

+3

Design and implementation of modern operating systems. Detailed analysis of an open source modern operating system and hands-on experience with its kernel and major components. *Prerequisites:* 074.216 and 074.343.

NET CHANGE IN CREDIT HOURS: +6

Computer Science-Mathematics Joint Honours Program

In Years 3 and 4 of the Joint Honours and Joint Honours Cooperative Option, "Two of 074.329, 074.335, 074.338" and "One of 074.429, 074.435, 074.438" is changed to "Two of 074.302, 074.329, 074.335, 074.338" and "One of 074.402, 074.405, 074.429, 074.435, 074.438", to provide increased flexibility for students.

Mathematics

Course to be introduced:

136.4AT Algebraic Topology +3

An introduction to Algebraic Topology. Topics include basic homotopy theory, fundamental groups of topological spaces, free groups and group presentations, classification of low dimensional manifolds, Seifert-Van Kampen theorem, covering spaces and homology theory. *Prerequisites:* 136.324 (or co-requisite 136.324 with consent of instructor) and 136.330 (or co-requisite 136.335).

Revised program chart as follows:

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
MATHEMATICS HONOURS¹ 120 CREDIT HOURS			
136.130 ¹ (B), 136.169 (B), (or 136.153, 136.220, 136.235, 136.260, 136.274 ³ and 136.170 ¹ (B)), 005.100 ² , 074.101 ²	136.280	credit hours ³ of 300 and 400 level Mathematics ² courses, which must include 136.323, 136.340, 136.376, 136.380 and one of two of the concentrations listed below:	
Plus 6 credit hours from the Faculty of Arts, which should include the required "W" course		Applied and Computational Mathematics Concentration: 136.330 or 136.335; 136.370 or 136.371; and at least 12 credit hours from 136.350, 136.351, 136.360, 136.381, 136.382, 136.461, 136.480 or 136.481	
		Pure Mathematics Concentration: 136.335, 136.371 and at least 12 credit hours from 136.324, 136.420, 136.435, 136.441 or 136.442, 136.471, 136.475	
30 Hours	30 Hours	30 Hours	30 Hours

NOTES:

¹ 136.151, 136.152 or 136.153 may be taken in place of 136.150; 136.131 may be taken in place of 136.130; 136.171 or 136.173 may be taken in place of 136.170.

² 005.100 and 074.101 do not have to be taken in University 1, but they have to be taken by the end of Year 2.

³ Students considering graduate work in pure mathematics should note that many graduate schools may require a student to rectify any deficiencies in 136.420, 136.421, 136.435, 136.471, 136.472 and 136.475.

* The courses required in this program will satisfy the University mathematics requirement.

* 136.320, 136.321, 136.375 and 136.391 cannot be used in an Honours program.

* IMPORTANT: The four year Major programs need not be completed in the manner prescribed in the charts above. Each chart indicates one possible arrangement of the required courses and is meant to be a guide around which students can plan their programs with a view to satisfying the prerequisites of the required courses. Please refer to the text above for the minimum requirements for entry to a four year Major.

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

The changes are:

1. In Year 3 and 4 of the Mathematics Honours program the list of required 48 credit hours has been changed to remove courses 136.330, 136.335, 136.370 and 136.371. The wording "two modules listed below" has been changed to "one of two concentrations listed below."

Applied and Computational Mathematics Concentration:

136.330 or 136.335; 136.370 or 136.371; and at least 12 credit hours from 136.350, 136.351, 136.360, 136.381, 136.382, 136.461, 136.480 or 136.481

Pure Mathematics Concentration:

136.335, 136.371 and at least 12 credit hours from 136.324, 136.420, 136.435, 136.441 or 136.442, 136.471, 136.475

2. In Year 3 and 4 of the Mathematics Honours program, the list of 6 modules have been changed to a list of 2 concentrations.
3. FOOTNOTES 6, 7, and 8 have been deleted and footnote 9 has been renumbered as footnote 6.

DEPARTMENT OF MATHEMATICS

Program Change

2004-2005

Current Program: (for all students)

MINOR

136.130¹, 136.150¹ and 136.170¹ (or 136.169) plus a minimum of 9 credit hours from 136.120 and 200 and (or) 300 level Mathematics courses

Proposed Program: (for Collège universitaire de Saint-Boniface students only)

MINOR

136.130¹, 136.150¹ and 136.170¹ (or 136.169) plus a minimum of 9 credit hours from 005.100 and 200 and (or) 300 level Mathematics courses

The change is:

1. Mathematics 136.120 is replaced with Statistics 005.100.

The proposed change has the support of the department of Mathematics.

Mathematics-Actuarial Mathematics Joint Program

Revised Program Chart as follows:

4.12.4 Mathematics - Actuarial Mathematics Joint Program, Department Code: 136M

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

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
JOINT HONOURS² 120 CREDIT HOUR			
136.169 (B) (or 136.150 ¹ and 136.170 ¹ (B)), 136.130 ¹ (B), 005.100, 005.200 (B)	010.212, 010.221, 005.350, 005.360, 136.220, 136.235, 136.275, 136.280	010.313, 010.323, 010.333, 010.353, 136.323, 136.371, 136.376,	010.202, 010.414, 136.335, 136.340, 136.475
Plus 6 credit hours from the Faculty of Arts, which should include the required "W" course		Plus 6 credit hours of approved approved electives	Plus 9 credit hours of
Plus 9 credit hours of electives			
30 Hours	30 Hours	30 Hours	30 Hours

NOTES:

¹ 136.131 may be taken in place of 136.130; 136.151, 136.152 or 136.153 may be taken in place of 136.150; 136.171 or 136.173 may be taken in place of 136.170.

² The courses required in this program satisfy the University mathematics requirement.

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

Honours Requirements

To enter the Honours program in Mathematics-Actuarial Mathematics, a student must have satisfied the Faculty of Science requirements for entry to the program, and have completed 005.100, 005.200, 136.130¹, and either 136.169 or 136.150¹ and 136.170¹ with a minimum grade of B in each of 005.200, 136.130¹ and 136.169 or 136.170¹.

Recommended Electives:

Actuarial 010.424, 010.434; Accounting and Finance 009.110, 009.220; Computer Science 074.101, 074.126; Economics 018.120, 018.245; Statistics 005.347, 005.349.

The changes are:

1. Replace Statistics 005.305 as a required course in Year 3 with Actuarial Mathematics 010.353.
2. Delete Actuarial Mathematics 010.353 in the Recommended Electives list.

Mathematics-Physics and Astronomy Joint Honours Program

Courses 016.2AA and 016.2BB replace courses 016.250 and 016.370.

Microbiology

Course to be modified:

060.223 Introductory Biogeochemistry (3)

65

The roles and interactions of biological, chemical and geological reactions in determining the composition of the environment. Microorganisms as major agents of biogeochemical change and their roles in the elemental cycle will be especially emphasized.

Prerequisite: 002.131 (or the former 002.128). It is recommended that 3 credit hours of 100 level Geological Sciences be taken concurrently with or prior to 060.223. Not available to students who have previously obtained credit in or are currently enrolled in 060.432.

NET CHANGE IN CREDIT HOURS: +3

Old courses to be formally deleted: 060.120, 060.203, 060.302, 060.334, 060.336, 060.338, and 060.462.

Microbiology-Chemistry Joint Biochemistry Program (St. Boniface ONLY)

136.120 replaces 005.100 as a required course in the B.Sc. Joint Major in Biochemistry.

Physics and Astronomy

Courses to be deleted:

016.250	Modern Physics 1	-3
016.370	Modern Physics 2	-3
016.437	Wave Mechanics	-6

Courses to be introduced:

016.2AA Quantum Physics 1 +3

The first in a sequence of three courses on Quantum Physics. This course introduces the basic principles of quantum theory including cavity radiation and Planck's postulate, wave-particle duality, the Bohr model, and the Schrödinger theory of quantum mechanics. Special emphasis is placed on derivation of the time independent Schrödinger equation and its solutions in one dimension. Not to be held with the former 016.250.

016.3BB Quantum Physics 2 +3

This course is the sequel to 016.2AA. It focuses on solutions of the three-dimensional Schrödinger equation with special emphasis on one-electron atoms, multi-electron atoms, and single molecules. Not to be held with 016.464, 016.465 (or the former 016.358) or the former 016.370. *Prerequisite:* 016.2AA (or the former 016.250).

016.4CC Quantum Physics 3 +6

Sequel to 016.3BB. Basic theory, general formalism and its interpretation, solution of Schrödinger's equation for various potentials, approximation methods and elementary application. Not to be held with 016.464, 016.465 or the former 016.437. *Prerequisite:* 016.237 and 016.3BB (or the former 016.370 or 016.358), or consent of department.

NET CHANGE IN CREDIT HOURS: 0

Old Courses to be formally deleted: 016.122, 016.123, 016.126, 016.127, 016.131, 016.132, 016.222, 016.223, 016.342, 016.344, 016.345, 016.346, 016.347, 016.348, 016.350, 016.440, 016.442, 016.443, 016.445, 016.453, and 016.455.

Zoology

Courses to be modified:

022.253 Human Physiology 1 (3)

Change prerequisites from "071.125 with a minimum grade of "C" or 071.100 and 071.101 with a minimum average grade of "C+" (or the former 071.123 with a minimum grade of "C+")" to "071.125 with a minimum grade of "C", or 071.100 and 071.101 with a minimum average grade of "C+" (or the former 071.123 with a minimum grade of "C+"), or 022.133." This prerequisite change will also apply to 022.253F Physiologie du corps humain 1 (3).

022.353 Control System Physiology (3) L

Change prerequisites from "071.125 with a minimum grade of "C" or 071.100 and 071.101 with a minimum average grade of "C+" (or the former 071.123 with a minimum grade of "C+")" to "071.125 with a minimum grade of "C", or 071.100 and 071.101 with a minimum average grade of "C+" (or the former 071.123 with a minimum grade of "C+"), or 022.133."

NET CHANGE IN CREDIT HOURS: 0

Additions and deletions to the list of courses offered in other faculties and schools acceptable for credit in the Faculty of Science

DELETION:

033.363 Music Theory 5 (3)

ADDITIONS:

033.315 Orchestration (3)

061.252	Introduction to Management Sciences (3)
061.221	Transportation Principles (3)
061.312	Commodity Futures Markets (3)
061.353	Farm Management (3)
061.356	Agribusiness Portfolio Management (3)
061.212	World Agribusiness Study Tour (3)

Proposed changes to Honours regulations

RECOMMENDATION #1: THAT THE FOLLOWING AMENDMENTS TO THE FACULTY OF SCIENCE HONOURS REGULATIONS BE APPROVED.

3.5 Four Year Honours Degree:

B.Sc. (Honours) and B.C.Sc. (Honours)

The Honours programs in the Faculty of Science are the most heavily concentrated programs offered. These programs lead most directly to graduate study and are in most cases prescribed extensively by the departments. A student is required to pursue this degree full-time and may be required to achieve higher grade standards than in other degree programs. The programs are regarded as professional training.

Students graduating from the Honours program in Computer Science receive the degree designation Bachelor of Computer Science (Honours), also noted as B.C.Sc. (Honours).

A student electing an Honours program will normally begin Honours work in second year and must meet the entrance requirements set out below. Honours work will consist of three years of study in prescribed courses beyond the first year and will lead to the B.Sc. (Honours) or the B.C.Sc. (Honours).

To be eligible for any award granted exclusively on the basis of academic performance, a student normally must be enrolled in 100% of a full program as defined by the department.

See Honours Cooperative Option, for additional regulations.

Students must complete the university written English and Mathematics requirement as described in the chapter, General Academic Regulations and Requirements, of this Calendar.

As of the 1999-2000 regular session, students admitted to Honours programs must complete six credit hours from the Faculty of Arts. Because many Honours programs in the Faculty of Science do not have room for electives in Years 2, 3 and 4 of the programs, these six credit hours, including the three credit hours of written English, should be completed in University 1.

Entrance to Honours

To enter an Honours degree program in Year 2, a student must have a grade of "B" or better in at least one introductory course designated by the department(s). ~~A student is required to have no failures and 12.00 grade points on up to the first 30 credit hours. Any credit hour deficiencies from Years 1 and (or) 2 should be cleared by the end of summer session following Year 2; that is, students must normally successfully complete 60 credit hours before entry to Year 3 Honours. Where the standard departmental Honours program for second year stipulates more than 30 credit hours, students must successfully complete those credit hours before entry to Year 3 Honours. and a GPA of not less than 2.5 on all courses completed at the end of Year 1 (minimum of 24 hours).~~

Students who are ineligible to enter Honours after their first year may establish their eligibility to enter Honours in third year on the basis of their academic performance in second year. Students must take at least 24 credit hours in the regular session, and must achieve a minimum "B" average on 18 credit hours of the courses required in the Honours Program. See a Science student advisor for further information.

Continuation in Honours

A minimum sessional Grade Point Average of ~~2.00~~ **2.50** is required **after each April and August examination series** ~~(without any failures)~~. Students must meet all individual course prerequisites for further study. Departments may designate courses within the Honours program in which students are required to obtain a grade above "C".

NOTE:

The continuation requirements of the Honours programs in Biochemistry, Biotechnology, Botany, Chemistry, Computer Science, Ecology, Genetics, Microbiology, Physics and Astronomy, Statistics and Zoology differ somewhat from above. See the sections of these departments in this chapter for applicable regulations.

Students who do not meet the minimum requirement will be required to withdraw from the Honours program.

~~The total number of attempted credit hours in Honours may not exceed by more than 18 the total number of credit hours in the student's Honours program (exclusive of work done outside the prescribed Honours program).~~

Students who accumulate more than 6 credit hours of "F's" per regular session (or 3 credit hours per Coop term) or more than a maximum of 18 credit hours of "F's", including "F's" prior to entry, will be required to withdraw from Honours.

Honours students must complete a minimum of 24 credit hours during each regular session.

Program Approval

The department must approve a student's Honours program each session. Students must also obtain departmental approval for any and all revisions to their program.

Residence Requirement for Honours Students

A student must successfully complete a minimum of 60 credit hours (10 full courses) at the University of Manitoba. The courses used to satisfy the requirement must be acceptable for credit in the Faculty of Science. Residency requirements apply both to first and second degree students.

To graduate with an Honours degree, a student must obtain a sessional Grade Point Average of ~~2.00~~ **2.50** or higher ~~(with no failures)~~ in Year 4. Also, to qualify for the Honours degree, a student must have a minimum ~~2.00~~ **2.50** Cumulative Grade Point Average at the point of graduation, that is, on all courses taken in the degree.

NOTE:

The graduation requirements of the Honours program in Biochemistry, Biotechnology, Botany, Chemistry, Computer Science, Ecology, Genetics, Microbiology, Physics and Astronomy, Statistics and Zoology differ from the above. See the departmental sections of this chapter for clarification.

Voluntary Withdrawal from Honours

A student who deletes a course or courses from the Honours program will be reverted to the four year Major program or a General degree program unless the Honours department has authorized the student's continuation in Honours. All Honours programs must contain a minimum of 24 credit hours during each regular session.

Honours students reverting to an alternative degree program must fulfil all academic requirements of that degree.

Recognition of Academic Merit

Dean's Honour List

Students enrolled in 24 credit hours or more who achieve a sessional Grade Point Average of 3.50 or higher during a regular session will be placed on the Dean's Honour List. Where the standard department program specifies a number of credit hours in excess of 30, the assessment for the Dean's Honour List shall be based on completion of at least 80 per cent of that specified number of credit hours during the regular session. See Regulations Applicable to all Programs.

First Class Honours

~~To graduate with First Class Honours the student must complete a minimum of 24 credit hours during the regular session in each of Year 3 and Year 4. First Class Honours will be granted to a student who achieves a cumulative Grade Point Average of 3.50 or higher on all courses taken in Year 3 and Year 4. Where the standard department program specifies a number of credit hours in excess of 30, a student must complete a minimum of 80 per cent of that specified number of credit hours in the regular session in each of Year 3 and Year 4 to be eligible for First Class Honours.~~

To graduate with First Class Honours students must achieve a final cumulative grade point average of 3.5.

The term "First Class Honours" will appear on both the parchment and the student's transcript of marks.

Double Honours Programs

Double Honours programs may be available as specified under departmental headings. Other programs may be arranged in consultation with the departments concerned.

RECOMMENDATION #2: THAT UNITS OFFERING HONOURS PROGRAMS IN THE FACULTY OF SCIENCE BE ENABLED TO MODIFY THEIR REQUIREMENTS TO BEST REFLECT THE NEEDS OF THEIR DISCIPLINES. (Subject to approval of the Faculty of Science Committee on Courses)

Change to Prerequisite wording in General Calendar 2004-2005

As prerequisite requirements, all instances of "consent of instructor" be changed to "consent of department".

University 1

Course 061.1XX Economics of World Food Issues and Policies is added to the University 1 course list.

/jml



UNIVERSITY
OF MANITOBA

Student Records

400 University Centre
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 474-9423
Fax (204) 275-2589
student_records@umanitoba.ca

Date: November 7, 2003
Memo To: Senate Executive Committee
From: Neil Marnoch, Director, Student Records
Re: Proposed Academic Schedule for 2004-2005

The attached 2004-2005 Academic Schedule has been updated based on changes in days and/or dates to conform with the 2004-2005 calendar, along with revised information received from academic units. Please note the following:

Key Points

1. Labour Day in 2004 is September 6. Therefore, classes start on Thursday, September 9 for most faculties and schools due to the two day University 1 orientation.
2. In 2004-2005 there are three statutory holidays in first term: Labour Day, Thanksgiving and Remembrance Day. As was the case last year there are 63 days available for instruction in first term.
3. The 2004 December Exam period will be from Friday **December 10** through Thursday **December 23**. Due to concerns regarding the late ending of this examination period, Student Records will attempt to construct a schedule in which all examinations are completed prior to this date in a condensed 10 or 11 day schedule, but reserves the ability to schedule examinations on December 23 as necessary.
4. In second term, classes begin on Wednesday, January 5, 2005. Good Friday falls on March 25, 2005.
5. Mid-Term Break in 2005 is February 14 - 18 which is the seventh week of the new year.
6. Voluntary Withdrawal dates are November 17 for 1st term courses and March 18 for second term and full courses. Faculty or schools offering courses with irregular schedules and withdrawal dates must ensure these are well publicized to students.

7. The final exam period in 2005 will be from Wednesday, **April 14** through Friday, **April 29**. A one day break between the end of classes (April 12) and the beginning of the examination period in April 2005 has been added since the distribution to academic units of the draft version of the schedule in October 2003.
8. For information only **Key Jewish Holy Days 2004-2005**

Rosh Hashana	September 15* (Wednesday), 16 (Thursday), 17 (Friday) 2004
Yom Kippur	September 24* (Friday), 25 (Saturday) 2004
Sukkoth	September 29* (Wednesday), 30 (Thursday), October 1 (Friday) 2004
Shmini Atzeret	October 6* (Wednesday), 7 (Thursday), 8 (Friday) 2004

Passover

1 st 2 days	April 23* (Saturday), 24 (Sunday), 25 (Monday) 2005
Last 2 days	April 29* (Friday), 30 (Saturday), May 1 (Sunday) 2005
Shavuoth	June 12* (Sunday), 13 (Monday), 14 (Tuesday) 2005

*Starts at sunset

Encl.

Comments of the Senate Executive Committee
 To the Senate Executive Committee end
 the report to Senate.

Academic Schedule 2004-2005

Regular Session: September 2004 - April 2005

Summer Session: May 2004 - August 2004

- Spring Intersession May 3 - July 3, 2004
- Spring/Summer Evening May 3 - August 14, 2004
- Summer Day July 5 - August 28, 2004

MARCH 2004

March 15 - 19 Monday - Friday Mid-term break for first- and second-year Medicine.

March 30 Tuesday Last date for reports on theses/practica (and the corrected copies of the theses/practica), comprehensive examinations and M. Eng. Projects to be submitted to the Faculty of Graduate Studies by students expecting to graduate in May.

APRIL 2004

April 3 Saturday Language reading tests for graduate students

April 5 - April 30 Monday - Friday Community Pharmacy Practice for all third-year Pharmacy students.

April 9 GOOD FRIDAY University closed. No classes or examinations.

April 12 Monday Respiratory Therapy department closed for Easter Monday

April 16 Friday Term ends for third-year Occupational Therapy students.

April 18 Sunday School of Art Open House

April 19 Monday Summer Fieldwork 2 begins for third-year Occupational Therapy students.

In-person sale of "Intersession and Summer Sessions permits" for registered students only begins. In-person sale of "Summer parking permits" begins

April 23 Friday Last day of exams for first- and second-year Respiratory Therapy students.

April 26 Monday Summer Fieldwork 2 begins for third-year Occupational Therapy students

Nursing Summer Term starts.

April 30 Friday Last date for registration in Spring Intersession and Spring/Summer Evening courses without late registration fee. Last date to register and pay fees for Challenge for Credit where the final examination is held during the Spring Intersession/first term Spring/Summer Evening exam series in June.

Medicine 4 clerkship closes.

Third-year Respiratory student's Clinical Entrance Exams.

MAY 2004

May 1 Saturday Annual traditional graduation Powwow in honour of Aboriginal graduates.

May 3 Monday Classes begin in Spring Intersession and Spring/Summer Evening.

Last date for application for June supplemental examinations in Agriculture Diploma.

May 3 - 12 Monday - Wednesday Medical Council of Canada examinations.

May 21 Friday Last day of classes for first-year Medicine.

Last day of exams for second-year Medicine.

May 24 Monday VICTORIA DAY University closed. No classes or examinations.

May 25 Tuesday B.Sc. Medicine begins

May 26 - 27 Wednesday - Thursday One Hundred and Twenty-Fifth Annual Convocation.

May 28 Friday Summer Fieldwork 2 ends for third-year Occupational Therapy students.

JUNE 2004

June 1 Tuesday Last date for receipt of applications for supplemental examinations in third-year Medical Rehabilitation.

Supplemental examinations in Agriculture Diploma.

Last date to register and pay fees for Challenge for Credit where the final examinations are held during the Spring/Summer Evening exam series in August.

Convocation ceremony, Collège Universitaire de Saint-Boniface.

Immunizations/CPR due for all returning nurses

June 7 Monday The sale of student parking permits begins through the telephone registration system (UMREG - 958-7600)

June 7 - July 30 Monday - Friday Supplemental examination period in Dentistry and Dental Hygiene.

June 14 Monday Deadline for receipt by Faculty of Graduate Studies of Annual Progress Reports for Masters' and Ph.D. students.

June 18 Friday Deadline for payment of parking fees.

June 21 Monday Last date for receipt in Graduate Studies Office of Ph.D. theses (for distribution) from students expecting to graduate in October.

June 29 Tuesday Classes end in Spring Intersession.

June 28 Monday Last date for distribution of Master's theses/practica (to examining committee) by students expecting to graduate in October.

JULY 2004

July 1 Thursday CANADA DAY University closed. No classes or examinations.

July 2 Friday Last day for registration in Summer Day courses without late registration fee.

Last date to register and pay fees for Challenge for Credit, where the final examinations are held during the Summer Day exam series in August.

Last date for receipt of applications for autumn supplemental examinations in those faculties and schools offering these, except Medical Rehabilitation. Arrangements for writing at approved off campus centres must be completed by this date

July 3 Saturday Exams end in Spring Intersession.

July 5 Monday Classes begin in Summer Day.

July 30 Friday Nursing Summer Term ends.

AUGUST 2004

August 1 Sunday Last date to apply for graduation in October 2004 via UMREG - the telephone/web registration system.

Immunizations/CPR due for all newly admitted Nursing students.

August 2 Monday CIVIC HOLIDAY University closed. No classes or examinations.

August 12 Thursday Classes end in Spring/Summer Evening.

August 14 Saturday Exams end in Spring/Summer Evening.

August 9 Monday First term begins in third- and fourth-year Dentistry.

August 16 Monday First term begins in first- and second-year Dentistry.

First term begins in first- and second-year Dental Hygiene.

August 23 Monday Orientation begins for first-year Medicine.

First day of classes in first-, second- and third-year Respiratory Therapy.

Last date to register for Nursing clinical courses term 1 and term 2.

August 25 Wednesday Classes end in Summer Day.

Inaugural exercises for Faculty of Medicine. B.Sc.(Med.) presentations begin in Faculty of Medicine.

August 28 Saturday Exams end in Summer Day.

August 30 Monday Classes begin in fourth-year Pharmacy.

Classes begin in Medicine.

First day of classes in the Physical Therapy Masters of Occupational Therapy programs.

Last date for reports on theses/practica (and the corrected copies of the theses/practica), comprehensive examinations and M. Eng. Projects to be submitted to the Faculty of Graduate Studies by students expecting to graduate in October.

SEPTEMBER 2004

September 3 Friday Basic Fieldwork 1 begins for second-year Respiratory Therapy.

September 6 Monday LABOUR DAY University closed. No classes or examinations.

September 7 Tuesday Orientation for first-year Social Work students.

Field Orientation for second and third-year Social Work students.

Classes begin in Law.

Registration in Law not permitted after this date without the permission of the dean.

September 7 - 8 Tuesday - Wednesday University 1 Orientation

NOTE: University 1 students are reminded that these orientation sessions are part of their academic program and attendance is required.

September 8 Wednesday Last day to register and pay fees without penalty for all programs except the Agriculture Diploma (September 17). For Education 'non-L' lecture section courses see *Registration Guide*.

Field Orientation for second and third-year Social Work students.

Last date for registration and fee payment without fee penalty for students wishing to take Distance Education Courses commencing in September. For further details, see the 2004-2005 *Distance Education Program Guide*.

September 9 Thursday Classes begin in most faculties and schools (including evening classes) For Education 'non-L' lecture section courses see *Registration Guide*

September 9 - 10 Thursday - Friday Clinical orientations for all nursing students registered in year 2 and year 4 Thursday/Friday clinical, year 3 students will attend the additional lectures in the first two weeks as year 3 clinical orientations will not take place until the week of September 21.

Year 2 and 4 students registered in Tuesday/Wednesday clinical will have their orientations September 14-15. All other students attend lectures as scheduled

September 9 - 22 Thursday - Wednesday Period for late registration and registration revisions in all programs except Agriculture Diploma. For Education 'non-L' lecture section courses see *Registration Guide*. A financial penalty is assessed on all late registrations during this period.

September 11 Saturday Language reading tests for graduate students.

September 17 Friday Orientation in Agriculture Diploma.

Basic Fieldwork 1 begins for first-year Respiratory Therapy.

September 20 Monday Classes begin in Agriculture Diploma.

September 22 Wednesday Registration revisions and late registration in courses other than those offered in second term only, including Challenge for Credit, are not permitted after this date except in Agriculture Diploma (See September 29). For Education 'non-L' lecture section courses see *Registration Guide*.

First Term and Full courses dropped after this date are recorded as Voluntary Withdrawals. (See refund schedule in the *Registration Guide* for financial implications.) For Education 'non-L' lecture section courses see *Registration Guide*.

Last date to apply for graduation in February 2005 via UMREG - the telephone/web registration system.

September 23 Thursday 2003 School Counsellors Admissions Seminar.

Last date to register and pay fees, without financial penalty, for Agriculture Diploma.

September 28 Tuesday Medicine 3 (ITC) ends.

September 29 Wednesday Last date for registration revisions in first term Agriculture Diploma. First term and full courses dropped from the diploma program after this date are recorded as Voluntary Withdrawals. (See refund schedule for financial implications).

Clinical Clerkship in Medicine begins.

OCTOBER 2004

October 6 Wednesday Last date for application to write examinations at a location other than the University of Manitoba in courses ending in December taken through the Distance Education Program by independent study, group-based study or net-based study.

October 11 Monday THANKSGIVING University closed. No classes or examinations.

October 12 Tuesday October 18 Monday Enrolment Services/Financial Aid and Awards: Entrance Scholarship Presentation and Reception.

Last date for receipt in Graduate Studies Office of Ph.D. theses (for distribution) from graduate students expecting to graduate in February.

October 19 Tuesday Enrolment Services/Student Recruitment Evening of Excellence

October 20 - 21 Wednesday-Thursday Thirty-Seventh Annual Fall Convocation.

October 25 Monday Last date for distribution of masters' theses/practica (to examining committee) by students expecting to graduate in February.

October 29 Friday First term lectures end for fourth-year Pharmacy.

NOVEMBER 2004

November 1-5 Monday - Friday Examination period for first term of fourth-year Pharmacy.

November 8 Monday Orientation for experiential rotations for all fourth-year Pharmacy students.

November 11 Thursday REMEMBRANCE DAY University closed. No classes or examinations.

November 15 Monday First term experiential rotations begin in fourth-year Pharmacy.

November 17 Wednesday Last date for Voluntary Withdrawal from all first term half-courses in all Faculties and Schools. For Education 'non-L' lecture section courses see Registration Guide. (See refund schedule in Registration Guide for financial implications). Note that some courses have irregular voluntary withdrawal and refund schedules. See Faculty chapters of the Registration Guide.

DECEMBER 2004

December 3 Friday Last day of lectures in Agriculture Diploma.

December 6 Monday On this date in 1989, 14 women were murdered at l'École Polytechnique, Université de Montréal. The university remembers these women at memorial events scheduled on or near this date.

December 6 - 13 Monday - Monday Examination period in Agriculture Diploma.

December 8 Wednesday Last day of lectures in Agricultural and Food Sciences (degree), Architecture (Environmental Design), Arts, Asper School of Business, Education, Engineering, Art, Human Ecology, Music, Nursing, Pharmacy (except for fourth-year), Physical Education/Recreation Studies, Science, Social Work and University 1. For Education 'non-L' lecture section courses see Registration Guide.

December 10 Friday Last day of lectures in Law.

Field instruction ends in second- and third-year Social Work.

Last day of lectures in first, second and third-year of Dentistry.

December 10 - 23 Friday - Thursday Examination period. Students are reminded that they must remain available until all examination and test obligations have been fulfilled.

December 11 Saturday Examinations begin in Law.

December 13 - 23 Monday to Thursday Examination period for first, second- and third-year Dentistry.

December 14 Tuesday Last day of lectures in fourth-year Dentistry and all years of Dental Hygiene

December 15 - 23 Wednesday to Thursday Examination period for fourth-year Dentistry and all years of Dental Hygiene.

December 17 Friday Medical Rehabilitation closes except for third-year Respiratory Therapy.

First Term experiential rotations end in fourth-year Pharmacy.

December 20 - 23 Monday - Thursday International Dental Degree Program on-site assessment.

December 21 Tuesday Last day of lectures in Medicine (first- and second-year).

December 23 Thursday End of examinations and first term

Last working day. University closes until January 5.

Clinics end in third and fourth-year Dentistry.

Medicine 4 Clerkship closes until January 3.

Last day of classes in third-year Respiratory Therapy.

JANUARY 2005

January 3 Monday Medicine 4 Clerkship resumes.

Classes resume in Respiratory Therapy.

January 5 Wednesday University re-opens.

Lectures resume in all faculties and schools (except fourth-year Pharmacy).

Second term experiential rotations begin in fourth-year Pharmacy.

Field instruction begins in second- and third-year Social Work.

Last date for application for January supplemental examinations for Agriculture Diploma.

January 5 - 18 Wednesday- Tuesday Period for registration and registration revisions in second term half-courses in all programs except Agriculture Diploma (see January 14). For Education 'non-L' lecture section courses see Registration Guide.

January 6 Thursday Last date for reports on theses/practica (and the corrected copies of the theses/practica), comprehensive examinations and M. Eng. Projects to be submitted to the Faculty of Graduate Studies by students expecting to graduate in February.

January 7 Friday Supplemental examinations for Agriculture Diploma.

January 8 Saturday Language reading tests for graduate students.

January 14 Friday Last date for registration and/or registration revisions in Agriculture Diploma. Second term courses dropped from the Agriculture Diploma after this date are recorded as Voluntary Withdrawals.

January 18 Tuesday Last date for registration in second term half courses, including Challenge for Credit, and/or registration revisions in all programs except the Agriculture Diploma (see January 14). For Education 'non-L' lecture section courses see Registration Guide.

Second term and full courses dropped after this date from any program except the Agriculture Diploma are recorded as Voluntary Withdrawals. (See Registration Guide Refund Schedule for financial implications.) For Education 'non-L' lecture section courses see Registration Guide.

Final date for receipt of second term and full courses fee payments.

Last date for registration for students wishing to take Distance Education courses commencing in January. For further details, please consult the 2004-2005 Distance Education Program Guide.

Last date to apply for graduation in May 2005 via UMREG - the telephone/web registration system.

January 24 Monday Last date for receipt, in Graduate Studies office, of Ph.D. thesis (for distribution) from students expecting to graduate in May.

January 31 Monday Last date for distribution of Masters' theses/practica (to examining committee) by students expecting to graduate in May.

FEBRUARY 2005

February 1 Tuesday Last date for application to write examinations at a location other than the University of Manitoba in courses ending in April taken through the Distance Education program by independent study, group-based study or net-based study.

February 7 Monday Second term lectures begin in fourth-year Pharmacy.

February 8 Tuesday Second term experiential rotations end in fourth-year Pharmacy.

February 14 - 18 Monday - Friday MID-TERM BREAK No classes or examinations, except for Medicine, fourth-year Pharmacy, Respiratory Therapy, and second-year and third-year Physical Therapy and second year Bachelor of Education students.

February 15-16 Tuesday-Wednesday Information Days for high school students

MARCH 2005

March 8 Tuesday Last date for Voluntary Withdrawal without academic penalty from full courses and second term half-courses for students in the Agriculture Diploma. (See refund schedule for financial implications).

March 21 - 25 Monday - Friday Mid-Term break for first- and second-year Medicine.

March 18 Friday Last date for Voluntary Withdrawal from full courses and second term half-courses in all Faculties and Schools (except students in the Agriculture Diploma, see March 8). For Education 'non-L' lecture section courses see *Registration Guide*. See refund schedule in the *Registration Guide* for financial implications. NOTE: Some courses have irregular voluntary withdrawal and refund schedules. See the faculty chapters of the *Registration Guide*.

March 24 Thursday Last day of lectures in third-year Pharmacy.

March 25 GOOD FRIDAY University closed. No classes or examinations

March 28 Monday Respiratory Therapy department closed for Easter Monday.

March 28 - April 1 Monday - Friday Examination period for third-year Pharmacy.

March 29 Tuesday Last day of lectures in Agriculture Diploma.

Last date for reports on theses/practica (and the corrected copies of the theses/practica), comprehensive examinations and M. Eng. Projects to be submitted to the Faculty of Graduate Studies by students expecting to graduate in May.

March 30 - April 6 Wednesday - Wednesday Final examinations in Agriculture Diploma.

APRIL 2005

April 2 Saturday Language reading tests for graduate students.

April 4 - April 29 Monday - Friday Community pharmacy practice for third-year Pharmacy.

April 7 Thursday End of examinations and second term for the Agriculture Diploma.

April 12 Tuesday Final lectures in all faculties and schools (including Medicine) except for Respiratory Therapy. For Education 'non-L' lecture section courses see *Registration Guide*.

Lectures and all clinics close for Dental Hygiene 1 and 2.

April 13 Wednesday Examinations begin in Law.

Field instruction ends in second- and third-year Social Work.

April 13 - 19 Wednesday - Tuesday Examination period for Dental Hygiene 1 and 2.

April 14 - 30 Thursday - Saturday Examination period - Students are reminded that they must remain available until all examination and test obligations have been fulfilled.

April 15 Friday Last day of lectures in fourth-year Pharmacy.

Classes and regular clinics end for fourth-year Dentistry.

April 18 Monday Exams begin in Fourth-year Pharmacy.

April 18 - 22 Monday - Friday Examination period for fourth-year Dentistry.

April 22 Friday Graduation ceremony for School of Agriculture.

Last day of lectures in Dentistry years 1 and 2.

April 25 Monday Last day of exams for first- and second-year Respiratory Therapy students.

Nursing Summer term begins.

April 25 - May 6 Monday to Friday Examination period for first-, and second-year Dentistry.

April 29 Friday End of examinations and second term in those Faculties and Schools where examinations commenced April 13.

Last date for registration in Spring Intercession and Spring/ Summer Evening courses without late registration fee.

Last day of lectures and regular clinics for third-year Dentistry.

Third-year Respiratory Therapy students' Clinical Entrance Exams.

MAY 2005

May 2 Monday Classes begin in Spring Intercession and Spring/Summer Evening Session.

May 6 Friday Medicine 4 Clerkship closes.

May 7 Saturday Annual traditional graduation Powwow in honour of Aboriginal graduates.

Nursing Summer term starts

Last date to register and pay fees for Challenge for Credit where the final examinations are held during the June series.

Last date for applications for June supplemental examinations in Agriculture Diploma.

May 9 - 20 Monday - Friday Exam period for third-year Dentistry.

May 10 - 11 Tuesday - Wednesday Medical Council of Canada examinations.

May 23 Monday VICTORIA DAY University closed. No classes or examinations.

May 27 Friday Last day of classes in first-year Medicine.

Last day of exams in second-year medicine

May 30 Monday Supplemental exams for Agriculture Diploma.

BSc. Medicine begins

JUNE 2005

June 1 - 2 Wednesday - Thursday One Hundred and Twenty Sixth Annual Spring Convocation.

June 6 Monday Convocation ceremony at Collège universitaire de Saint-Boniface.

June 13 Monday Deadline for receipt, by the Faculty of Graduate Studies, of Annual Progress Reports for Master's and Ph.D. students.

June 20 Monday Last date for receipt, in Graduate Studies Office, of Ph.D. thesis (for distribution) from students expecting to graduate in October.

June 27 Monday Last date for distribution of Master's thesis/practica (to examining committee) by students expecting to graduate in October.

JULY 2005

July 1 Friday CANADA DAY University closed. No classes or examinations.

July 4 Monday Classes begin in Summer Day Session.

July 29 Friday Nursing Summer Term ends.

Note:

This Academic Schedule contains the most up to date information as of November 20, 2003 in order to meet the printing schedule for the December Senate agenda. Some Faculties/Schools do not know their Academic Schedule dates yet and thus some of the dates in this schedule will be revised. The final Academic Schedule will be published in the 2004-2005 General Calendar.

Deadline Dates

Where deadline dates fall on a weekend or statutory holiday, the normal closing time of the next working days will be used.

Examination Obligations

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

Observance of Religious Holidays.

The university acknowledges the right of all students to observe recognized Holy Days of their faith which fall within the above schedule and will, at its discretion, upon request, make necessary arrangements to ensure that studies are not jeopardized.

Instructors should be notified of a student's intended absence in advance, and at least three weeks notice of absence from scheduled examinations should normally be given where special arrangements are sought.

Schedule of Registration Activities

The dates for the registration in each faculty and school for the 2004-2005 session are published in the *Registration Guide* which is made available in printed form and on the internet to all returning and new students.

For further information on registration activities contact:

Student Records
400 University Centre
University of Manitoba
Winnipeg, Manitoba R3T 2N2
Telephone: 204 474 9423
Email : student_records@umanitoba.ca
Web Address : www.umanitoba.ca/student/records

November 20, 2003

Version 5A

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003

Report of the Senate Committee on Awards respecting Awards - Part APreamble

The Senate Committee on Awards (SCOA) terms of reference 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 Policy No. 419, such offers shall be submitted to Senate for approval." (Senate, April 5, 2000)

At its meeting on October 28, 2003, SCOA reviewed eight new awards offers, 14 award amendments, and three award withdrawals and reports as follows.

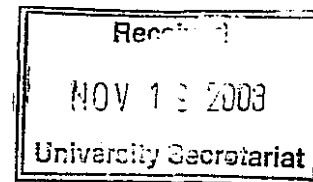
Observation

On behalf of Senate, the Senate Committee on Awards approved and recommends that the Board of Governors approve eight new awards, 14 award amendments and three award withdrawals as set out in Appendix "A" of the Report of the Senate Committee on Awards (dated October 28, 2003). These award decisions comply with the published guidelines of November 3, 1999, and are reported to Senate for information.

Respectfully submitted,

Diana Kaperison (for)

Professor R. Baydack, Chair
Senate Committee on Awards



SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003

APPENDIX "A"

OFFERS

EASTERN GRASSLAND SOCIETY INC. BURSARY

At the time of their disbandment in 2003, the Eastern Grassland Society Inc. established an endowment fund of \$12,000 to provide a bursary for students in the Faculty of Agricultural and Food Sciences or the School of Agriculture. From the time of their formation in 1973, the Eastern Grassland Society Inc. assisted forage and livestock producers in developing and promoting the latest technology for use on their farms. The award will first be offered in the fall of 2005.

The bursary, valued at the available annual income, will be offered to a student who:

- (1) is enrolled as a full-time student in the School of Agriculture (diploma program) or the third year of study in the Faculty of Agricultural and Food Sciences (degree program) at the University of Manitoba;
- (2) has achieved a minimum cumulative grade point average of 2.5;
- (3) has graduated from Springfield Collegiate, Edward Schreyer School, or Lac du Bonnet Senior;
- (4) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee shall be the Awards Committee of the Faculty of Agricultural and Food Sciences.

VIRGINIA LUCAS MEMORIAL BURSARY IN EDUCATION

A bursary fund has been established at The University of Manitoba by the family and friends of Virginia Lucas (B.Sc.H.Ec./47, Teacher's College). The purpose of the fund is to provide bursary assistance to students pursuing studies in the two-year After-Degree Program in the Faculty of Education. The first bursary is to be offered in 2005.

The available annual interest generated by the fund is to be offered each year as a bursary to a student who:

- (1) enrolls full-time in the two-year After-Degree Program (Middle or Senior Years) in the Faculty of Education at the University of Manitoba;
- (2) has achieved a minimum cumulative grade point average of 3.0 (or equivalent) in his/her previous degree;

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003

- (3) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee shall be named by the Dean of the Faculty of Education.

DR. DORIS B. SAUNDERS BURSARY

Through a bequest from Dr. Doris Boyce Saunders, who, in 1928, was the first woman to be appointed to the Department of English at the University of Manitoba, an endowment fund of \$100,000 has been established at the University of Manitoba to provide bursary support to undergraduate and graduate students in the Department of English. Dr. Saunders was the Dean of Junior Women from 1933 to 1945 and she became an Assistant Professor in 1941. In 1959 she became the first woman to hold the rank of professor in the Faculty of Arts. In 1964 she was appointed Registrar of what was then the new University College and remained in this position until her retirement in 1968.

Beginning in the fall of 2004, fifty per cent of the available annual interest on the fund will be offered each year to undergraduate students who:

- (1) are enrolled as full-time students (minimum 60 percent of a full course-load) in any year of study in the Department of English at the University of Manitoba;
- (2) have achieved good academic standing with a minimum cumulative grade point average of 3.0;
- (3) have demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee for this bursary will be named by the Head of the Department of English.

Beginning in the fall of 2004, fifty per cent of the available annual interest on the fund will be offered each year to graduate students who:

- (1) are enrolled as full-time students in the M.A. or Ph.D. program in the Department of English (Faculty of Graduate Studies at the University of Manitoba);
- (2) have achieved a minimum cumulative grade point average of 3.0 in their graduate program or as an entering student have achieved a minimum grade point average of 3.0 (or equivalent) on all course work completed in the last academic year of the undergraduate program;
- (3) have demonstrated financial need on the standard University of Manitoba bursary application form.

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003

The selection committee for this bursary will be named by the Head of the Department of English and will include the Dean of Graduate Studies or delegate.

The number and value of the undergraduate and graduate bursaries (up to the interest available) shall be determined by the selection committee.

DEPARTMENT OF ECONOMICS GRADUATE FELLOWSHIP

Beginning in 2004, through an annual gift by an anonymous donor, an entrance fellowship of \$12,000 will be offered annually to a graduate student who:

- (1) is entering the first year of study as a full-time student at the Master's or Ph.D. level in the Faculty of Graduate Studies, Department of Economics;
- (2) has achieved a minimum cumulative grade point average of 3.50 (or equivalent) on all courses completed to date, in both the undergraduate and graduate programs.

The fellowship is to be awarded from among eligible applicants on the basis of their promise of excellence in Economic studies. The fellowship may not be held in conjunction with any other major awards (e.g., SSHRC or University of Manitoba Graduate Fellowship). It will not be renewable for a second year but a recipient at the Master's level will be considered again at the Ph.D. level of study.

The selection committee shall be named by the Head of the Department of Economics.

YUDE M. HENTELEFF AWARD IN HUMAN RIGHTS AND CIVIL LIBERTIES

An endowment fund of \$20,000 has been established to provide an annual award called the Yude M. Henteleff Award in Human Rights. The Manitoba Scholarship and Bursary Initiative has made a contribution to this fund.

The award, valued at the available annual interest, will be offered to a student who:

- (1) achieves high standing in one or more of the following courses:
 - (b) Canadian Charter of Rights and Freedoms,
 - (c) Immigration and Refugee Law,
 - (d) any future course(s) offered at the Faculty of Law related to human rights and civil liberties;
- (2) has demonstrated an active interest in human rights and civil liberties through participation in endeavors such as Pro Bono Canada, the University Law Clinic, the Manitoba Association of Rights and Liberties, Amnesty International, Legal Education Action Fund, and/or any other human rights organization.

The selection committee shall be named by the Dean of the Faculty of Law and shall include

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003

the donor or a designate.

HONORABLE ARCHIBALD S. DEWAR PRIZE FOR ADVOCACY

The family, friends, and former colleagues of the late Chief Justice Archibald S. Dewar have established an endowment fund of more than \$90,000 in his memory at the University of Manitoba. The Manitoba Scholarship and Bursary Initiative has made a contribution to this fund. The annual income from this fund will be offered as prizes to the students selected for excellence in the Faculty of Law's Advocacy program as demonstrated by their performance in the course, Introduction to Advocacy (currently numbered 45.265).

The number of prizes will be determined annually by the selection committee. Each prize will be of equal value.

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

ORVILLE ACRES MEMORIAL SCHOLARSHIP

The University of Manitoba has established an award in honor of Mr. Orville Acres, an assistant coach with the University women's ice hockey program. In 1997, Orville was instrumental in the development of the Bison Women's Hockey program at the University of Manitoba. For six years, he was actively involved with the team by coaching, recruiting, and scouting players. Orville has always been an advocate of women's hockey across the country. He represented the Eastman region on the Female Council for Hockey Manitoba, volunteered many times as an evaluator for the Program of Excellence, and refereed hockey at all levels.

In April 2001, the Local Government District of Pinawa recognized Orville's efforts by awarding him the 2001 Lieutenant Governor's "Make A Difference Community Award" for his service and dedication to minor hockey, and for his thirty-six years as an active volunteer with the Pinawa Fire Department.

Orville was an inspiration and personified the Bison creed - Character, Dedication, and Excellence.

One award, valued at a maximum of \$500, will be awarded annually to a student who:

- (1) as an entering student has achieved a minimum average of 80% on the high school courses used for admission purposes or, is a C.I.S. eligible returning or transfer student athlete with a minimum grade point average of 3.5 (or equivalent) in the previous year of study;
- (2) has demonstrated athletic ability and active leadership in women's ice hockey as determined by the selection committee and is a member of the Bison women's hockey team.

The selection committee shall consist of the Head Coach of the Bison women's hockey team

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003

and the Athletic Director or designate from the Faculty of Physical Education and Recreation Studies.

(The terms of this award will be reviewed annually against the criteria of Canadian Interuniversity Sport governing University Academic Scholarship with an Athletic Component, currently numbered 50.10.5.5, in the C.I.S. Operations Manual.)

GURVEY COMMUNITY-MINDED PROFESSIONAL AWARD

A scholarship of \$500 will be awarded annually based on academic merit and community service. The scholarship will be awarded to a student who:

- (1) is enrolled in the Certificate in Financial and Management Accounting program through the Continuing Education Division;
- (2) has achieved a minimum grade point average of at least 3.0 in all accounting courses completed;
- (3) is a student member of the Society of Management Accountants;
- (4) has been self-employed or employed full-time within the six months prior to application;
- (5) shows community involvement through charitable work, political involvement, etc. (PTA and involvement in school related activities where the candidate has children enrolled at same school will not be considered).

Application will consist of a resume outlining work history and community service involvement. Self-employed applicants will also submit a verification of their self-employment (e.g., letter from a client). Preference will be given to self-employed applicants. Secondary consideration will be given to individuals in managerial roles where they are decision-makers in terms of corporate operations, strategy, and/or direction. Work in primarily data-entry related positions (i.e. accounts receivable clerk, account payable clerk) without a supervisory component will not be considered.

The selection committee shall be named by the Dean of the Continuing Education Division and shall include the donor of the award.

AMENDMENTS

ALPHA OMEGA FIXED PARTIAL DENTURE PROSTHESIS AWARD

The value of this award in the Faculty of Dentistry will be increased to \$500 (from \$100). The donors of the award, Alpha Omega International Dental Fraternity, will annually top-up the interest generated by the endowment fund to support the \$500 award.

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003**THE WOMEN'S COMMITTEE OF THE WINNIPEG MUSIC FESTIVAL, INC. SCHOLARSHIPS**

At the request of the donor, the name of this award in the School of Music will be amended to the WINNIPEG MUSIC FESTIVAL AWARD.

MARGARET R. POPE SCHOLARSHIP

The value of this graduate scholarship in the Department of French, Spanish, and Italian is currently set at \$750. The terms of reference will be amended to reflect that for the 2004-2005 academic session the scholarship will be valued at \$1000. The award amount will be confirmed annually by the Winnipeg Foundation.

HEINZ FRANK MEMORIAL SCHOLARSHIP

The terms of reference for this graduate scholarship will undergo three amendments. First, it will be clarified that students pursuing either a Master's or Ph.D. program are eligible for consideration. Second, the terms of reference currently state that the selection committee is to be named by The Senate of the University of Manitoba. This will be amended to the Dean of the Faculty of Graduate Studies (or designate). Finally, the terms will be clarified to indicate that the value of the award should be the available annual interest.

DONALD VERNON SNIDER MEMORIAL FELLOWSHIPS

This fellowship offered in the Faculty of Graduate Studies will undergo several amendments. First, the terms of reference currently indicate that the value of the fellowships is fixed at \$6,000. This will be amended to reflect that the value of the fellowships is reviewed and confirmed annually by the donor (The Winnipeg Foundation). Second, it will be clarified that recipients may be continuing on to the Master's or Ph.D. programs. Third, the terms currently indicate that the President of The University of Manitoba will participate on the selection committee. This will be amended to the Dean of the Faculty of Graduate Studies (or designate). Finally, the terms of reference will be clarified to indicate that the fellowships are tenable only at the University of Manitoba.

SENATOR THOMAS ALEXANDER CRERAR SCHOLARSHIPS

This scholarship offered in the Faculty of Graduate Studies will undergo two amendments. First, it will be noted that the value of the scholarships is reviewed and confirmed annually by the donor (The Winnipeg Foundation). Second, the terms will be clarified to indicate that recipients may have completed their final undergraduate or qualifying year in the Faculty of Arts either at The University of Manitoba or at an institution which offers accredited degree programs.

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003

ADALSTEINN KRISTJANSSON TRAVELLING SCHOLARSHIP

The terms of reference for this graduate award will undergo two amendments. First, in the first paragraph, advanced study will be defined as a Master's or Ph.D program. Second, the third last paragraph which states, "Remuneration from employment or from other scholarship or bursary sources may not be accepted except with the approval of the selection committee." will be removed from the terms of reference.

ENGLISH-SPEAKING UNION OF CANADA PRIZE

The value of this award in the Faculty of Arts will be amended. The value is currently fixed at \$100. At the request of the donor, the annual interest available will be offered as an award with a minimum value of \$100.

E.B. KERNAGHAN BURSARY

This award in the Faculty of Graduate Studies will be renamed the E.B. KERNAGHAN SCHOLARSHIP as the award is made based on academic merit and not financial need. The terms of reference will be updated to reflect the amendment.

DR. HELEN RIESBERRY SCHOLARSHIP

The terms of reference for this scholarship in the Faculty of Social Work will undergo several amendments. First, the value of the award will be amended to the available annual interest from the current fixed value of \$500. Second, the minimum GPA stated in criterion one will be set at 3.0 (currently 3.5). Finally, reference in criterion two to contribution to student government by the recipient will be removed.

ROBIN CHARLES RINGLAND MEMORIAL SCHOLARSHIP

This scholarship in the Asper School of Business will undergo two amendments. The terms of reference currently state that the scholarship is open to both undergraduate and graduate students. As the scholarship has always been awarded to an undergraduate student, reference to graduate student eligibility will be removed. Second, the terms of reference will be clarified to indicate that recipients are participants in the Asper School of Business exchange program.

DAVID G. FISH MEMORIAL SCHOLARSHIP

The terms of reference for this graduate scholarship in the Department of Community Health Sciences will undergo one amendment. Reference to high academic standing on undergraduate courses will be removed. Selection will be based on graduate work completed and proposed research.

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003

**PAWAN K. SINGAL GRADUATE STUDENT FELLOWSHIP
IN CARDIOVASCULAR SCIENCES**

This award offered in the Faculty of Graduate Studies shall undergo several amendments. First, a third criterion will be added which states that to be eligible, students must have completed at least one regular session (September to April) in the chosen program to date. Second, the application process will be outlined in the terms of reference. Applications will consist of a two-page description of their research including career goals, a current academic transcript, two letters of reference (one from the thesis supervisor and the second from a professor at a post-secondary institution), and a copy of the current "curriculum vitae" of the applicant. Third, it will be clarified that the award can be held concurrently with any other awards. Fourth, it will be clarified that no student may hold this award more than once. Last, the name of the award will be amended from a fellowship to a scholarship.

DR. ANDREW TAYLOR NORTHERN STUDIES AWARD AND RESEARCH GRANT

The terms of reference for the Dr. Andrew Taylor Northern Studies Award were approved by Senate at the May 2002 meeting. The amendment found below is an addition to the existing terms of reference which outlines the method to be followed for awarding the research grant.

In odd-numbered years, one award of \$1,000 shall be offered to the scholar or student whose research project shows academic merit in the opinion of the Selection Committee and who:

- (1) employs the Andrew Taylor Collection for research purposes; or
- (2) employs the Andrew Taylor Collection to promote the collection; or
- (3) employs other materials relating to polar regions held in Archives & Special Collections for research; or
- (4) employs other materials relating to polar regions held in Archives & Special Collections to promote the collections.

The academic merit of each proposal will be determined by the selection committee. The committee will be responsible to rank and select the recipients. In a case where two proposals are deemed by the selection committee to be of equal academic merit, the proposals will be ranked in the above order. Proposals not deemed of acceptable merit will not be considered.

The Selection Committee for each of these awards shall be named by the Head of Archives & Special Collections at the University of Manitoba Libraries and shall include academic members of the University community with special expertise and research interest in Northern Canadian Studies.

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003

WITHDRAWAL

GYDA NAYLOR IODE MEMORIAL SCHOLARSHIP

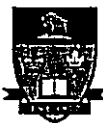
This award in the Faculty of Human Ecology is to be withdrawn. The Jon Sigurdsson Chapter IODE that supports this award has chosen to assume all responsibilities related to calling for applicants and selecting an annual recipient.

MARJORIE SPENCE PHYSICAL THERAPY BOOK PRIZE

The donor who supported this book prize passed away this summer. The prize will now be withdrawn.

**UNIVERSITY OF MANITOBA ONE-YEAR TUITION FEE AWARD
FOR INTERNATIONAL STUDENTS**

At the request of the Faculty of Graduate Studies, this award will be withdrawn.



UNIVERSITY
OF MANITOBA

Office of the President

87

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

28 October 2003

Ms Louise Gordon
Acting Executive Director
Council on Post-Secondary Education
410 - 330 Portage Avenue
Winnipeg, Manitoba
R3C 0C4

Dear Ms Gordon,

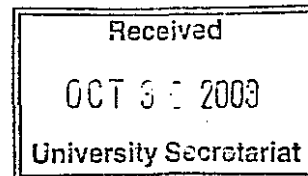
**Statement of Intent:
Master of Arts in School Psychology**

On behalf of The University of Manitoba, I am pleased to submit the attached Statement of Intent to establish a new Master of Arts degree program in School Psychology.

The purpose of this new two-year post-graduate degree program in Psychology is to train specialists who will provide psychological services in schools in Manitoba or elsewhere in Canada. Graduates will meet the specific requirements for registration and licensing for school psychologists in Manitoba. In addition, the program will incorporate training in areas identified by the Canadian Psychological Association Mutual Recognition Agreement, which establishes a common set of competencies that is required for training programs and licensing requirement across the country.

As shown in the attached materials, there is a clear need for trained school psychologists in Manitoba and elsewhere in Canada. We are confident that a new M.A. program in School Psychology at the University of Manitoba will help meet that demand. It is our hope to admit students to this new program in September 2005.

The attached materials make plain that the introduction of this new program would require additional financial support from COPSE. During the development of a full program proposal, we would welcome an opportunity to discuss these financial requirements with you and your colleagues.



**Statement of Intent:
Master of Arts in School Psychology**

I will be pleased to provide any other information that your Council may require during its consideration of this Statement of Intent.

Sincerely,



Richard A. Lobdell
Vice-Provost (Programs)

Encl.

cc Emőke J. E. Szathmáry, President and Vice-Chancellor
 Robert Kerr, Vice-President (Academic) and Provost
 Tony Secco, Dean, Faculty of Graduate Studies
 Robert O'Kell, Dean, Faculty of Arts
 Gerry Sande, Head, Department of Psychology
 Beverly Sawicki, University Secretary

STATEMENT OF INTENT

Institution

- | | |
|--|--|
| <input type="checkbox"/> Brandon University | <input type="checkbox"/> Assiniboine Community College |
| <input checked="" type="checkbox"/> University of Manitoba | <input type="checkbox"/> Keewatin Community College |
| <input type="checkbox"/> University of Winnipeg | <input type="checkbox"/> Red River Community College |
| <input type="checkbox"/> Collège Universitaire de Saint-Boniface | |

Program Overview

● Program Name: School Psychology Program

● Credential to be offered: Masters of Arts in School Psychology

● Does the program require accreditation from a licensing group? ☐ YES ☒ NO
 If yes, name group
 Although accreditation is not strictly necessary, accreditation by the National Association of School Psychologists will be sought as an additional source of quality control.
 Individual practitioners will be licensed by the Psychological Association of Manitoba

● Length of the program: 2 ☒ Years ☐ Months ☐ Semesters

● Proposed program start date: 1/9/05
 Day/Month/Year

● Which department(s) within the institution will have responsibility for the program?
Department of Psychology

● As compared to other programs your institution will be proposing, the priority of this program is:
☒ High
☐ Medium
☐ Low

● Is this a new program? ☒ YES ☐ NO
 The Faculty of Education used to offer an M. Ed. in school psychology but that program has been discontinued. The proposed curriculum was constructed "from scratch."

● Is this a revision of an existing program? ☐ YES ☒ NO
 If YES, name program
 What are the impacts of changing this program?

● Will the program be available to part-time students? ☐ YES ☒ NO
 Not initially, but after a few years we anticipate developing a curriculum for part-time students.

● Will this program have a cooperative education component? ☒ YES ☐ NO
 If YES, how long with the field placement be?
 Students will take two one-term practica in which they focus on applied activities, working intensively with a school psychologist in a school setting.

● Will the program contain an option to assess the prior learning of

students, to grant credit for the skills/knowledge already present? ☐ YES ☒ NO
Provide Details

● Will there be distance delivery options? ☐ YES ☒ NO
Provide Details
This option may be developed after the program has been operating for a few years.

● Will this program be delivered jointly with another institution? ☐ YES ☒ NO
If YES, name the institution

● Are similar programs offered in Manitoba or other jurisdictions? ☒ YES ☐ NO
If YES, indicate why this program is needed (e.g., area of specialization)

The closest program is offered at the University of Calgary (the University of Saskatchewan has a school psychology program but we have been told that it is, or soon will be, inactive). We anticipate high demand for our graduates, especially in Manitoba, Saskatchewan, and northern Ontario.

● What articulation, block transfer or credit transfer arrangements will you be looking at developing for this program?

Students may apply for credit for courses they have taken. Equivalency will be assessed on a course by course basis and only granted if the course is deemed to be equivalent in content and quality to that offered by our program.

Specific Program Information

1. Program Description

● Describe the program and its objectives:

We propose to develop and offer a program to train school psychologists to provide psychological services in schools in Manitoba. The need for such a program is already high and is increasing rapidly. About one third of practising school psychologists in Manitoba are eligible for retirement. Since the discontinuation of the program formerly offered by the Faculty of Education, there is no program in place to fill these needs. We see the Department of Psychology as well-positioned to offer such a program. The University of Manitoba has the only clinical psychology program in the province. It is accredited by both the Canadian and American Psychological associations. Our faculty members possess expertise in a wide range of clinical psychology specialties. In addition, we are highly motivated to create and host a first-rate, coherent, integrated program that will graduate excellent practitioners who will provide high-quality educational and mental health services to the children of Manitoba.

Mission Statement: Consistent with the mission statements of the University of Manitoba and the Department of Psychology, the mission of the School Psychology Program is to graduate school psychologists who meet the highest standards of excellence in relevant knowledge, skills, ethics, and professionalism. These goals will be achieved through the application of high standards to the following processes: recruitment and admission; education, training, and supervision; and evaluation. Throughout the program special attention will be given to the diversity and special needs of students in Manitoba.

1. To provide excellent training in the basic principles and practices of psychology. This includes intensive training in various theoretical perspectives (e.g., biological, cognitive, social, etc.) regarding the development of positive mental well-being and the etiology and treatment of psychological disorders. It also includes expertise in assessment and measurement, and the evaluation of prevention and treatment programs. It includes supervised practica for the development of skills in assessment and intervention. The intent is to provide training that will give students basic knowledge and skills in core areas of psychology and to train them to use this knowledge and these skills in a school environment.
2. The program will be organized such that it progresses from the general to the specialized, the basic to the complex, and the theoretical to the practical.
3. The program will be tailored to develop the necessary competencies listed by the National Association of School Psychologists (attached). This will necessitate the development of new courses and the redesign of existing courses.
4. The program will meet the specific requirements for registration and licensing for school psychologists in Manitoba. In addition, the program will incorporate training in areas identified by the Canadian Psychological Association Mutual Recognition Agreement. These are: interpersonal relationships, intervention and consultation, research, ethics and standards, and supervision. This is a common set of competencies that is required for training programs and licensing requirements across the country. This training ensures that our program matches or exceeds the requirements of other programs in Canada and facilitates licensing of our graduates in other jurisdictions.
5. Special attention will be paid to the diversity that characterizes the student population in Manitoba. For example, courses will contain components that address issues such as: unique aspects of living and learning in rural and urban environments, ethnic and cultural diversity (especially the needs of First Nations students) and the needs of students with special needs (such as physical, cognitive, and emotional/behavioural disorders).

Program Description

1. Admissions. The admissions criteria and process would be similar to those for the other graduate programs in the Department of Psychology. Components taken into consideration include: Undergraduate grade point average, scores on the Graduate Record Examination (Quantitative, Verbal, and Subject tests), and letters of reference. The majority of students admitted to the graduate program have an honours undergraduate degree. Students who don't have an honours degree are admitted to a "pre-masters" program designed to give them the coursework and skills an honours student would have. We anticipate admitting an average of eight to ten students per year (assuming we receive the necessary additional resources, see below). A "special admissions" process similar to that used by the clinical psychology area will be instituted. According to that process, First Nations' students who meet the minimal requirements set by the Faculty of Graduate Studies are eligible to be admitted in this category. We anticipate admitting one or two students per year in this category, but the actual numbers will vary according to need and demand.

A. Time frame. We have designed a non-thesis, Masters degree program that requires two years of full-time on-campus study (assuming a student enters the program with an honours degree).

B. Courses. The schedule of courses was designed to meet the following three criteria: school clinician certification standards for the Province of Manitoba; competencies required by the National Association of School Psychologists, and the competencies outlined in the Canadian Psychological Association's Mutual Recognition Agreement. Attachment A lists the criteria for certification in Manitoba and the courses we think meet those requirements. Attachment B lists the competencies required by the National Association of School Psychologists and the courses that will teach those competencies. Note that there will be two supervised practica (either in schools or in the Psychological Services Centre at the University of Manitoba or a combination of the two settings).

● Provide an overview of the content to be taught in this program:

See Attachment C for the curriculum and description of course content.

2. Enrollment

● What is the program's initial projected enrollment? 8 -10 students

● What is the projected enrollment for the 2nd and 3rd years? 8 - 10 students per year

● Describe the expected student profile?

We will be interested in admitting students who:

1. Have a strong academic background in psychology (honours psychology) and excellent written and oral communication skills . 2. Have excellent social and interpersonal skills. 3. Have a strong interest in working with children and adolescents and are committed to the profession of school psychology. 4. Are energetic and have excellent work habits. 5. Are willing and able to abide by professional codes of ethics and standards.

Above items 1 - 5 to be assessed by transcripts, interview, letters of reference, sample of written work, and criminal record check.

Special admissions: We will reserve two places in each year of the program for Aboriginal students. As long as the students meet Faculty of Graduate Studies minimum criteria for entry they will be admitted.

- What labour market need is the program expected to meet?

The demand for school psychologists is already high in Manitoba (there are already vacant positions in Manitoba), Saskatchewan, and northern Ontario. In Manitoba, approximately one third of practicing school psychologists are eligible for retirement. According to the Chief Superintendent of the Winnipeg School Division, in a 1999 needs survey school divisions are estimating a need of 45 psychologists within the next five years. Discontinuation of the program formerly offered through the Faculty of Education has meant that there is no program close by that can fill these needs.

- Are there currently jobs in Manitoba in this field?
If yes, where (geographic location and industry)?

☒ YES ☐ NO

School psychologists are needed in both urban and rural schools (including schools in northern communities).

- What is the future job forecast for individuals with this education/training/credential?

Job prospects for graduates are very good, not only in Manitoba, but also in Saskatchewan and northern Ontario.

- How does this program fit with Manitoba's stated economic, social and other priorities?

Recent emphasis on prevention and early intervention with children and youth supports the need for school psychologists who will have the expertise to identify mental health and academic problems early on and devise appropriate, timely intervention strategies. This approach will not only save the province resources in the long run (by dealing with these problems before they become severe enough to warrant more costly and extensive interventions) but more importantly, will enhance the quality of life for young Manitobans.

- What agencies, groups, institutions will be consulted regarding development of the program?

The following groups have been or will be consulted:

Canadian Psychological Association
Manitoba Health
Manitoba Education, Training, and Youth
Manitoba Family Services and Housing
Manitoba Psychological Society
Psychological Association of Manitoba
National Association of School Psychologists
College of Psychologists of Ontario
Canadian Council of Professional Psychology Programs
Faculty of Education, University of Manitoba
Faculty of Graduate Studies, University of Manitoba

Staffing: This program will require 3 academic appointments and 1 office assistant. We propose to hire one academic at the Associate Professor level (we will try to attract someone who has experience in administering a School Psychology program) and two at the Assistant Professor level. The duties of the academic staff will include teaching, research, administration of the program, service to the department, faculty, and the University. It will also include liaison with students on practica and their supervisors. We propose to hire the first 2 faculty members and the office assistant on January 1, 2005. They would accept the first cohort of applicants in March 2005. During the winter term and summer of 2005 they would be involved in course and program preparation in time for the first classes to start in September 2005. We would hire another person at the Assistant Professor level on July 1, 2006. We really need three academics for this program in order to teach the full curriculum because, like any other academic at the University of Manitoba, these faculty members would receive teaching reductions for administration and for research if they hold a major external research grant. In addition, they would be eligible for research leave according to the terms stipulated in the UMFA contract.

4. Financial Information

See Attachment D for all financial information.

●Projected Program Costs: Salary
 Operating
 Capital
 Total cost

●Projected Program Revenue: Tuition
 Other_
 Total revenue

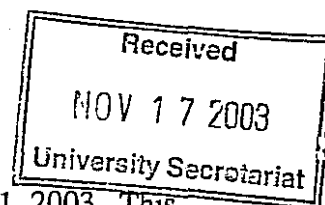
Submitted by:

DR. G. SAUDE
 Name (print)

HEAD DEPARTMENT OF PSYCHOLOGY
 Position

[Signature]
 Signature

Oct 16 / 03
 Date

PRESIDENT'S REPORT December 3, 2003

My last report to the Senate was submitted for its meeting on October 1, 2003. This report is organized into sections on General, Academic, Research, Administrative and External matters. Part B contains a list of external engagements during the time period of this report.

I. GENERAL**1. Student Aid in the Faculty of Law**

When the Board approved the tuition fee increases for the Faculty of Law on January 28, 2003, it requested annual updates on the progress against the objectives set out in the strategic plan of the Faculty which will be presented in the new year. As a type of interim report the Faculty has reported on the objective to see student aid increase from its former level of \$75,000 to approximately \$650,000 over the next five years. Student aid, as a percentage of total tuition revenue, would rise from approximately 6.5% to 30%. This was to be achieved by allocating one third of the new tuition revenue directly to needs based student aid, increasing the Nepon Bursary Fund and developing an entrance scholarship program to complement the Pitblado scholarships. Two additional student aid initiatives were outlined in the strategic plan that were to be pursued. The first was a program that would provide interest relief to students who require loans that do not qualify for the interest free government loan program. The second was to provide assistance in the form of post-graduation debt relief to students who incur significant debts in pursuing their legal education. The Faculty now reports that through the generous support of local law firms, these two initiatives will soon become reality, and contingent on matching funds from the Manitoba Scholarship and Bursary Initiative (MSBI), endowment funds totalling a minimum of \$700,000 and producing annual distributable aid of \$35,000 will be possible.

2. November 1, 2003 Enrolment

The official reporting date for student enrolment data to Statistics Canada is November 1. Total enrolment stands at 26,572 an increase 6.4% over November 1, 2002, or an additional 1,591 students. This brings the University to its highest enrolment ever, exceeding the 1992-1993 record of 25,163. Undergraduate enrolment is up 6.0% to 23,032 while the graduate enrolment has increase by 9.1% to 3,112 students. International student population increased by 39.4% from 1,232 to 1,718 students, representing 6.5% of the student body.

3. Estimates Meeting

Members of the Council on Post-Secondary Education (COPSE) visited the University on October 30, 2003 to review the Estimates of Operating and Capital Requirements for 2004-2005. Representing the University were Mr. Terry Sargeant, Vice Chair of the Board of Governors, the President, and the Vice-Presidents. I began the meeting by providing an overview of the context for the Estimates. Each Vice-President then

provided summaries of issues relating to his/her portfolio and I then summarized the Estimates submission. There were questions raised following the presentation, and overall our presentation and submission appeared to be well received.

4. Maclean's Survey

One conclusion of the Report of the Presidential Advisory Committee on Maclean's which reported in November 2002 was that "... it should be understood that the rankings are not likely to improve for the University because the methodology favours universities with a different set of values than the University of Manitoba. The University ranked 10th to 15th in 17 of the 23 categories, although in many cases the differences between the first ranked and the last ranked were negligible. There should be no expectation that the University's current ranking will change much, given the methodology and the focus of the Maclean's Survey." This conclusion was a correct one as the University placed 15 out of 15 medical-doctoral universities in the *Maclean's 2003 Ranking of Universities*. I was quoted in the media as "I think its an annual exercise in feeling demoralized. It's not fair to our quality students or the people who work here." This summarizes my view of the results of ranking which were predicted by the Review Committee.

There were a few changes in the Maclean's approach this year – a new category of student retention was added with a 2% weighting, and the weighting for the reputational survey increased by 1% to 16%, and the weight for alumni support declined from 5% to 3%. In the categories which one could term "matter to students," classes and libraries, the University ranked 7th in class sizes for first and second year (last year 8th), 4th in class sizes for third and fourth year (5th), and tenth in classes taught by tenured faculty (12th). In terms of library acquisitions, the University ranked 12th (14th), and on library expenses ranked 4th (7th).

5. Graduate Program Reviews

One of my Board approved priorities for 2001-2002 was to begin reviews of graduate programs under the Vice-President (Academic) and Provost. The review process provides that once notified by the Faculty of Graduate Studies (FGS) that its graduate programs are to be reviewed, the unit has nine months to submit a report (a type of self-study) to FGS. The next stage is a site visit by the Program Review Committee (generally two external reviews and one internal) which must be completed in three months. Following the site visit the Committee then prepares a report within a month. The report is sent to the unit for response and the unit response reviewed by the Dean of FGS, who submits a report to the Vice-President (Academic) and Provost. The following is a status report on the reviews:

Programs completed (Reports and Dean's Comments submitted to VP Academic): [12]

Master of Laws
Master of Dentistry, Oral and Maxillofacial Surgery
Master of Dentistry, Periodontics
M.Sc. in Dental Science, Orthodontics
M.Sc. & Ph.D. in Oral Biology
M.Sc. & Ph.D., Physiology
M.Sc. & Ph.D., Medical Microbiology
M.A. & Ph.D. in Anthropology

Program awaiting unit response to Review Team Report: [2]

M.A. & Ph.D. in French (due October 31, 2003)

Programs granted extensions on submitting unit report: [4]

M.A. in Classics
M.Sc. and Ph.D. in Botany
M.A. in Icelandic

Programs currently undergoing review: [18]

Master of Education
M.Sc. & Ph.D. in Chemistry
M.Sc. & Ph.D. in Microbiology
M.Sc. & Ph.D. in Zoology
M.Sc. in Pathology
M.Sc. & Ph.D. in Physics
M.Sc. & Ph.D. in Pharmacy
M.Sc. in Surgery
Master of Interior Design
M.A. and Ph.D. in English
M.A. and Ph.D. in Economics

Programs yet to be reviewed

84 programs in 54 units over the next 4.5 years.

II. ACADEMIC MATTERS

Faculty of Agricultural and Food Sciences

- Nathan Kesler, Layne Macuria and Brent Russel, Biosystems Engineering students, won the Canadian Society for Agricultural Engineering (CSAE) Design Competition for their design project: "Cereal Crop Lodging Data Acquisition Device". Other students receiving awards were:
 - Chithra Karunakaran won first place in the Ph.D. Thesis Award for her thesis: "X-Ray Inspection of Wheat Kernels to Detect Infestations by Stored-Grain Insects".
 - Scott Young won first place in the M.Sc. Thesis Award for his thesis: "Display Saliance in Agricultural Machinery Operations: Effect on Tracking Performance".
 - Delores Genaille won first place in the Undergraduate Paper Competition for her paper: "Recycling Flax Shive into Briquettes for Combustion.
 - Alison Weiss won second place for her paper: "Recycled Soda Can Solar Collector - The Comparison of Two-Can Configurations".
- Dr. Terry Galloway, Entomology, has been appointed to the Manitoba Endangered Species Advisory Board.
- Syngenta Crop Protection Canada has contributed \$100,000 to establish the Syngenta Graduate Scholarship. The gift was matched by the Manitoba Scholarship and Bursary Initiative, and the income will provide an award to a graduate student in an area related to sustainable development.

Faculty of Arts

- The University of Manitoba and the University of Iceland signed a partnership agreement on November 15, 1999 that provides for an exchange of professors and students, and a series of conferences to examine Iceland-Canada relationships. The third conference was held at the University of Manitoba, October 24-25, 2003. The conference brought together approximately 50 participants, including students, professors from both Iceland and Canada, and members of the Icelandic community in Manitoba as well as the Icelandic Consul, Kornelius Sigmundson.
- The Faculty of Arts Award in Internationalization for 2002-2003 was awarded to Dr. Jim Dean, Economics, currently Acting Head of the Department of Religion, and International Liaison Officer. The Award is given to a faculty member who

promotes an increase in students' awareness of international culture, perspective and issues.

- Dr. Robin Brownlie, History, has written a book, *A Fatherly Eye: Indian Agents, Government Power, and Aboriginal Resistance in Ontario, 1918-1939*, released by the Oxford University Press in their Canadian Social History Series. The book has been cited as a "groundbreaking study" which sheds new light on a time and a place we know little about.
- Dr. Louise Renée, French Spanish & Italian, was named as Faculty of Arts Professor of the Year for 2002-2003. This award, established in 1999, is given annually to a professor in Arts who has best exemplified both outstanding teaching and outstanding research, and who has an exemplary record of service.
- Dr. Paul Thomas, Political Studies and Duff Roblin Professor of Government, has been awarded the Vanier Medal for Excellence in Public Administration. The Vanier Medal, named for the late Governor General Georges P. Vanier, is awarded annually by the Institute of Public Administration of Canada as a mark of distinction and exceptional achievement to a person who has shown distinctive leadership in public administration in Canada, or who, by his or her writings or other endeavours, has made a significant contribution in the field of public administration in Canada. A reception was held on October 21 at the Manitoba legislature in honour of Dr. Thomas

Faculty of Education

- Nine students began their studies as part of the Faculty of Education's new Ph.D. cohort group in Inclusive Special Education. Members of this cohort will spend the next few years engaging in advanced study, research and scholarship on relevant topic areas including best practices in pedagogy, administration and policy development in Inclusive Special Education.

Faculty of Human Ecology

- Drs. Nancy Higgitt and Jason Brown, Family Studies, have developed a series of courses focussed on the inner city. Some of these courses are offered from an on-site location. They provide students with direct experience and opportunities for interaction with community residents. One of the courses "Understanding the inner city: A kaleidoscope of perspectives" brought together residents, policy makers, practitioners and students in a forum to discuss living, learning and earning in the inner city.

Faculty of Nursing

- Nursing student Wanda Martin received the Clinical Research Nurse Award from the US Army Department of Defence Breast Cancer Research Program for her project on: Perception of Risk and Surveillance Practices for Women with a Family History of Breast Cancer. The value of the award is \$63,433 (US).

Faculty of Pharmacy

- The graduating class of 2003 was ranked number one in Canada for the graduates' performance in the Spring 2003 Qualifying Examinations held by the Pharmacy Examining Board of Canada (PEBC) .

Faculty of Science

- Dr. Ken Standing, physics, was selected by the American Chemical Society as the 2004 recipient of the Frank H. Field and Joe L. Franklin Award for Outstanding Achievement in Mass Spectrometry. The presentation will take place on March 30, 2004 in conjunction with the 227th ACS National Meeting in Anaheim, California.
- Dr. Peter King, computer science, and his colleagues Jocelyne Nanard and Marc Nanard (researchers at LIRMM (Le Laboratoire d'Informatique, de Robotique et de Microelectronique de Montpellier) were awarded the ACM Engelbart award for Best Paper at the ACM Hypertext Conference. The ACM Hypertext Conference is a major international conference.
- Dr. Jacky Baltes, Dr. John Anderson, Computer Science, and six graduate students, travelled to Padua, Italy to take part in an international robotics competition, RoboCup 2003. Tao-Pie-Pie, their robot, placed 2nd out of seven teams.

Continuing Education Division

- The University of Manitoba will participate in a satellite seminar featuring the Governor of the Bank of Canada, David Dodge, speaking about "Global Challenges, Canadian Opportunities", on November 17, 2003 in Theatre A, Basic Medical Sciences Building. The event is organized by the Office for Partnerships and Advanced Skills, which is affiliated with the Council of Ontario Universities. It is broadcast to 31 universities, including for the first time the University of Manitoba. The Continuing Education Division has organized the broadcast and program that will be available at the University of Manitoba.

St. John's College

- On November 2, St John's College held its 137th annual Convocation. On this occasion, The Right Reverend Andrew Atagotaaluk, the first Inuit bishop of the Anglican Diocese of the Arctic was awarded a Doctor of Divinity (honoris causa). The Venerable Jim Boyles, Secretary of the General Synod of the Anglican Church of Canada and the person who played the major role in the resolution of the residential schools issue, was awarded a Doctor Canon Law (honoris causa). Dr William Norrie, Chancellor of the University of Manitoba and an individual well known for his political leadership and extensive community service, was awarded an Honorary Fellowship.

III. RESEARCH MATTERS

1. Honours and Distinctions

- Five researchers at the University of Manitoba with expertise in the areas of developmental neuropathology, nanoscale physics, conducting polymers and electronic materials, new cancer therapy development and genetic modeling have been awarded prestigious Canada Research Chairs.

Two researchers were awarded Tier 1 chairs. These chairholders are recognized as world leaders in their fields and they will receive \$1.4 million each over a seven-year term. They are:

- Dr. Marc Del Bigio, Pathology, was awarded a Canada Research Chair in Development Neuropathology to support his research into understanding childhood brain diseases, including disorders such as hydrocephalus and brain hemorrhage.
- Dr. Tapash Chakraborty, who is coming from the Institute of Mathematical Sciences, India, was awarded a Canada Research Chair in Nanoscale Physics to support the development of a centre of excellence for theoretical research in the area nanostructured science and technology.

Dr. Chakraborty also received \$125,581 in infrastructure funding from the Canada Foundation for Innovation to establish a computational system for an exact diagonalization treatment of nanostructures.

- Three researchers were awarded Tier 2 chairs. These chairholders are recognized as emerging leaders in their fields and they will receive \$500,000 each over a five-year term. They are:

- ▶ Dr. Michael Freund, Chemistry, was awarded a Canada Research Chair in Conducting Polymers and Electronic Materials to support his research which is focussed on the design of metallic conductors and polymers, the study of their properties and their application in technologies ranging from polymer-based electronics to sensors.
- ▶ Dr. Marek Los, who is coming from the University of Muenster, Germany, was awarded a Canada Research Chair in New Cancer Therapy Development to support his research into the development of better cancer therapies and on faster and more precise therapy monitoring methods.
- ▶ Dr. Hao Ding, who is coming from the University of Toronto, was awarded a Canada Research Chair in Genetic Modeling to support his research using powerful and elegant genetic tools to modify the mouse genome, to examine where genes are normally expressed, and how alterations in genes can affect their function.
- Dr. Lotfollah Shafai, Electrical and Computer Engineering, together with industry partner InfoMagnetics Technologies Corporation, were honoured with one of seven Synergy Awards for Innovation at a national event in Vancouver on October 27. Sponsored by the Natural Sciences and Engineering Research Council of Canada (NSERC), the Award recognizes and rewards innovation and superior collaborative research between universities and industry. Dr. Shafai and his partnership with InfoMagnetics were applauded for state-of-the-art innovations in the design and circuitry of satellite and wireless antennas. Winning universities receive a \$25,000 NSERC research grant and the industry partners receive the prestigious Synergy sculpture.
- Dr. Peter McVetty, Plant Science, is the new senior NSERC Industrial Research Chair in High Erucic Acid Rapeseed at the University. The Government of Canada announced the funding on October 14 outlining that more than \$1.3 million over five years would be provided by NSERC, matching the industry contributions from CanAmera Foods \$1 million and the Manitoba Canola Growers Association of \$375,000. The Chair is expected to help Canadian canola growers remain competitive by providing fundamental research on the diseases that touch the crops. Dr. McVetty has led the High Erucic Acid Rapeseed (HEAR) plant breeding program at the University for over 15 years. Dr. Genyi Li, Plant Science, will act as the Associate Research Chair in HEAR.
- Dr. Emőke J.E. Szathmáry, President, was honoured by the University of Western Ontario with an honorary Doctor of Science in recognition of her distinguished research in anthropology where she has concentrated her research on the genetics of North America's Aboriginal people, including a focus on the causes of Type 2 diabetes.

- Dr. Aftab Mufti, President, ISIS Canada, was elected a fellow of the International Institute of Fibre Reinforced Polymers (FRPs) in Construction (IIFC) in recognition of his contribution to the establishment of IIFC and for his continued service as an advisor to the president of the institute.
- Dr. Benjamin Levin, Educational Administration, Foundations & Psychology, was awarded the 2003 Canadian Education Association-Whitworth Award which honours annually “a person who has made a noteworthy contribution to educational research in our country.”
- Dr. Naranjan Dhalla, Physiology and Director, Institute of Cardiovascular Sciences, received Masaryk University’s highest honour, the university’s Gold Medal, in honour of his life-time achievements. Masaryk University is located in the city of Brno, Czech Republic.

2. Grants Received and/or Applied For

- Dr. Deborah Stienstra, Director, Disability Studies, received a three-year grant totalling \$900,000 from SSHRC’s Initiative on the New Economy (INE) Research Alliances Program for the project entitled “New technologies and people with disabilities research alliance.” Partner contributions of cash and in-kind total the equivalent of approximately \$1,160,000.

3. Contracts Received

- A contract was awarded by Health Canada (First Nations and Inuit Health Branch) to investigate “Evaluation of First Nations and Inuit Health Services Transfer Policy.” This eleven-month contract (May 2003 to March 2004), which is for \$411,600, is under the direction of Dr. John O’Neil, Community Health Sciences.
- A contract was awarded by CIDA (PanAfrican Program Africa and Middle East Branch) to continue funding “Regional AIDS Training Network (RATN) Development Project,” (Phase 11). This forty-eight month contract (August 2003 to April 2007) was funded for an additional \$3,644,000 and is under the direction of Dr. Stephen Moses, Medical Microbiology.

4. Related Initiatives

- The Richardson Centre for Functional Foods and Nutraceuticals (RCFFN) hosted a national conference entitled “Canada: A Global Innovator in Functional Food Ingredients” at the Fairmont Hotel in Winnipeg on October 6 and 7. The conference focussed on the challenges faced by the industry and research community in the development and marketing of functional foods and

nutraceuticals. Attendees included over two hundred delegates from all sectors involved in nutraceuticals and functional foods as well as biotechnology, the pharmaceutical and life sciences community. Delegates ranged from local entrepreneurs and herb producers, agricultural engineers and health care professionals to large-scale R & D organizations and product manufacturers involved in global marketing. They travelled from across Canada, ten different American states, and Finland.

IV. ADMINISTRATIVE MATTERS

1. Ancillary Services

- The scheduled “go live” date for the new parking management system - PowerPark, will be the week of November 24, 2003 at which time, customers attending to either the Parking Office for permit information, or Parking Ticket Services regarding parking violations, may notice a slight change in some procedures. The more noticeable change will be the use of hand held computerized enforcement devices for issuing parking violations at the Fort Garry Campus. These devices will be utilized daily by the Commissionaires, and will generate a new style of parking violation. This up to date technology provides the capability of more accurately monitoring vehicles with or without permits.
- Pharmacy sales have increased 12% due to the student drug plan. Student loans processed by the Postal Outlet increased by 17% for the month of September and 14% year to date.
- The four residences continue to operate at capacity and should end the year in a break even position. This is in spite of a \$170,000 reduction in summer income due to a slower than usual conference season and cancellation of the Intensive English Program groups from Japan due to a fear of SARS.
- As a result of a Town Hall meeting with Arthur Mauro Residence students, followed by two meetings with their Students' Association, students will be compensated for the inconveniences they experienced during the start up period. Each student will receive a one time \$100 fee reduction, a \$50 declining balance meal pass, and for those who wish, a two month recreation pass at the Frank Kennedy Centre. The Games Room, Fitness Room, and Convenience Store are now open, and the delivery of lounge furniture is almost complete.

2. Information Systems and Technology

- Wireless networks are starting to appear on campus as faculty installed

infrastructure. A document for implementing wireless network technology has been developed. The first wireless project will be in the new law library.

- There were major slowdowns in email and network services resulting from a number of virus and worm attacks on our systems. These attacks were the largest in Internet history and affected many sites throughout the world. A number of University of Manitoba desk top machines were compromised because they did not have the current security patches installed from Microsoft. These are now automatically installed on Windows 2000 and XP, so it is recommended that all desk tops be upgraded to these systems.
- A WebCT Advisory Committee has been established. The committee will provide input and advice to IST in the ongoing development of WebCT and the university's on-line learning policies, procedures, and strategies.
- An update for the Information Systems Renewal project:
 - ▶ implementation of the Human Resources Information System (HRIS) is proceeding. Parallel payroll tests have been successful. A revised project plan is being finalized.
 - ▶ Planning for the implementation of the Student Information System (SIS) will begin in mid-November with a fit/gap assessment and implementation to begin in January 2004.
 - ▶ Testing is continuing on the Financial Management System (FMS) on a draft chart of accounts. Work is also underway for the purchasing, accounts payable, and fixed asset modules. Training is also planned for the endowment funds module.
 - ▶ Implementation of the new library system (SIRSI) has begun.
 - ▶ Work on Info Ed (with Curriculum Vitae Information Service (CVIS) and Research Management modules) is proceeding with the installation and data collection for CVIS almost complete.

3. Financial Services

- The Western Universities Financial Officers (WUFO) and Western Universities Supply Management Association (WUSMA) meetings held on October 1 - 3, were hosted by the University. Approximately 100 delegates attended the conference and evaluations pointed to a successful conference.
- Ebay.com was used successfully as a vehicle for selling used UM equipment. In

response to a request from IST, several items were offered for sale on ebay after a posting on the UM goods for sale website was unsuccessful. The process was closely monitored by staff in the capital equipment area. In future, Ebay may be considered where there isn't a buyer for goods posted to the goods for sale site, particularly where the items are highly specialized.

V. EXTERNAL MATTERS

1. Alumni Affairs

- Approximately 1,900 alumni and friends from 14 faculties and schools took part in Homecoming 2003, held from September 18-21.
- On October 11, 2003, the Alumni Association and the Manitoba Moose hosted "Alumni Night with the Manitoba Moose" with 350 alumni and friends. As well, many attended the Alumni Association pre-game party.
- Plans are underway to offer alumni a trip to Iceland in August 2004.
- The Alumni Association launched a new e-newsletter, On Manitoba On Line, in early October to approximately 9,000 alumni, the number of e-mail addresses currently in the University database. Response has been very positive with an open and "click-through" rate that is well above industry average.

2. Public Affairs

- The Ipsos-Reid survey, which measures public perceptions of the University of Manitoba, received over 1600 responses from students, 1200 from faculty and staff, 900 from Alumni and 175 from guidance counselors. High school students and their parents across Canada are also being surveyed. Ipsos-Reid will produce a report before the end of the calendar year.
- A five-screen e-tour of the University of Manitoba was developed and is now available at the schoolfinder.com website.
- The Fall 2003 billboard campaign began with 11 billboards. There are three types of "At the Centre of It All" billboards: In Teaching, In Community Service and In Learning.
- The University secured the "GO" spot in MTC's "On Board" monopoly game, which will be sold at Canadian Tire stores across the city and will be heavily promoted.

- The six-week Fall television campaign began with the 30-second “At the Centre of It All” commercial, which aired on Global Television during programs such as *NFL Football* and *Survivor*.

3. Private Funding

- As of October 24, 2003, *Building on Strengths: Campaign for the University of Manitoba*, has achieved \$196,200,000, or 98.12% of its goal, including the Province’s commitment of \$50,000,000 for infrastructure renewal.
- Major gifts during the period include:
 - ▶ Professor William George Stobie who donated \$243,000 to the William and Margaret Library Purchase Fund.
 - ▶ The Manitoba Pharmaceutical Association has donated \$85,500 to the Faculty of Pharmacy. With this gift, the Manitoba Pharmaceutical Association has given over \$1 million to the Faculty of Pharmacy over the years.
 - ▶ Several bequests were realized during the period, including the estate of Dr. Edward E. Hildebrand which is in excess of \$656,000.
- The Department of Private Funding has developed a draft plan and a draft budget proposal for ensuring a sustainable, long-term fund-raising program for the University of Manitoba after *Building on Strengths* has been successfully concluded.

4. Development Communications and Special Events

- A ceremony to award the first Senator Gildas Molgat Scholarships was held on September 17, 2003 at Chancellor’s Hall. The five students receiving the award were honoured by President Emőke Szathmáry, Raymonde Gagné, Rector of Collège universitaire de Saint-Boniface, the Honourable Peter Liba, Lieutenant-Governor of Manitoba, Allison Molgat, widow of the late senator, and members of the fundraising committee for the scholarship.
- The official opening of the Ed Leith Cretaceous Menagerie in the Department of Geological Sciences was held on September 19, 2003, with over 200 people in attendance. The event featured remarks by the Honourable Mary Ann Mihychuk, Minister of Industry, Trade and Mines. Members of Dr. Leith’s family and many of his former colleagues and friends were there, as was a class of grade four students from St. Avila School. Subsequent to the official opening, the Honourable Peter Liba and Mrs. Liba requested a tour of the Menagerie.

- A memorial tribute event was organized on October 15, 2003 to honour the late Israel Asper. The event included remarks by the president, chancellor, deans of the I.H. Asper School of Business and the Faculty of Law, and the president of UMSU. David Asper graciously responded on behalf of the family; Gail Asper also attended the tribute.

5. Government Relations

- The visits of two ambassadors to the University were coordinated with the International Liaison Office and the Provincial Protocol Office.
- The President's attendance at the Prime Minister's Laurier Club reception and Dinner on October 3 was coordinated by Government Relations. The President met the Prime Minister and Mrs. Chretien and the Prime Minister referred to their meeting during his dinner speech.
- The President appeared before the House of Commons Standing Committee on Finance on October 31 along with Dr. Joanne Keselman, Vice-President (Research), coordinated by Mr. John Alho, Director of Government Relations.

6. External Relations on Bannatyne

- The official opening of the state-of-the-art dental centre in Norway House, Manitoba was held on October 14, with approximately 300 in attendance. The new facility is the result of a partnership between the University of Manitoba and the Norway House Cree Nation. The opening ceremony was led by Chief Ron Evans, with speeches by Dean de Vries, Fred Shore (Director, University Accessibility) and Stan Struthers (MLA, Dauphin-Roblin).
- Manitoba high schools students visited the Bannatyne Campus during Discovery Days on October 17, for hands on workshops in health research. They also attended panel discussions and information sessions about careers in health care.
- Over 350 people received free dental treatment at the Faculty of Dentistry Community Clinic at Open Wide on October 18, held in partnership with the Manitoba Dental Association (MDA).

PART B - Notable Events (External)
Emőke J. E. Szathmáry
September 11, 2003 - November 17, 2003

Thursday, September 11, 2003

- Attend luncheon in honour of Visiting Professor, Keiichi Omoto from St. Andrew's University, Osaka, Japan
- Meet with Ambassador Paul Celluci, United States Ambassador to Canada and Mr. Todd Schwartz, United States Consul in Winnipeg, with Dean Harold Bjarnason and Associate Deans from the Faculty of Agricultural and Food Sciences

Monday, September 15, 2003

- Attend meeting of Mayor Murray's Advisory Committee on the "New Deal"
- Meet with Honourable Diane McGifford, Minister of Advanced Education

Tuesday, September 16, 2003

- Present a talk on the University of Manitoba at meeting of the PROBUS Club(organization for retired professionals)
- Present remarks at the dedication of the Certified General Accountants Lecture Theatre in the I.H.Asper School of Business

Wednesday, September 17, 2003

- Present remarks at the Official Launch of the Senator Gildas Molgat Memorial Scholarship Fund
- Present remarks at the Faculty of Law Reception to launch the Pitblado Scholars program
- Attend dinner in honour of Jim & Sandra Pitblado

Friday, September 19, 2003

- Present remarks at the Canadian Association of University Solicitors Annual Conference
- Present remarks at the Official Opening of the Ed Leith Cretaceous Menagerie
- Present remarks at the School of Medical Rehabilitation Homecoming Reception

Saturday, September 20, 2003

- Present remarks at the Faculty of Medicine Reunion breakfast
- Present remarks at the Faculty of Nursing 60th Anniversary Homecoming Celebration
- Host and present remarks at the Isbister Legacy Society Tea
- Present remarks at the Homecoming Gala Banquet

Sunday, September 21, 2003

- Host and present remarks at the President's Luncheon for alumni (classes of '33 and '43)

Monday, September 22, 2003

- Attend meeting of Council of Presidents of Universities in Manitoba

Wednesday, September 24, 2003

- Host luncheon for Royal Bank of Canada Academic All Canadian Athletes
- Host reception at 37 King's Drive for University of Manitoba Teaching Award Winners

Thursday, September 25, 2003

- Attend Annual Meeting of Manitoba Museum Foundation Board of Directors
- Attend CancerCare Manitoba Farewell Celebration Dinner in honour of Dr. Brent Schacter

Friday, September 26, 2003

- Present remarks at CONGRESS 2004 reception

Sunday, September 28, 2003

- Present remarks at the installation of Dr. Gerald Gerbrandt as 1st President of the Canadian Mennonite University
- Host dinner at 37 King's Drive for the The Honourable Lloyd Axworthy, Sol Kanee Lecturer

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Monday, September 29, 2003

- Present remarks at a luncheon in honour of The Honourable Lloyd Axworthy, Sol Kanee Lecturer
- Present remarks at the Arthur M. Mauro Centre for Peace and Justice Sol Kanee Lecture
- Attend dinner as guest of the University of North Dakota in Grand Forks, North Dakota

Tuesday, September 30, 2003

- Attend meetings at University of North Dakota, in Grand Forks North Dakota

Wednesday, October 1, 2003

- Present remarks at Welcome Dinner for new faculty in the Faculty of Medicine

Thursday, October 2, 2003

- Host and present remarks at dinner in honour of the Robert and Elizabeth Knight Lecturer, presented by Dr. Martin Fishbein
- Present remarks at the Robert and Elizabeth Knight Lecture (Dr. Martin Fishbein)

Friday, October 3, 2003

- Meet with Dr. Gus Konkel, President, Providence College and Mr. Don Streuber

Monday, October 6, 2003

- Present Sigma Xi Lecture at Hope College, Holland, Michigan

Wednesday, October 8, 2003

- Meet with Dr. Magnus Jonsson, Rector, Landbunardar Haskoli Hvanneyri and Steinunn Ingolfssdottir, his wife
- Attend Business of Science 2003 dinner

Thursday, October 9, 2003

- Meet with Madame Raymonde Gagné, President, Collège universitaire de Saint Boniface
- Attend funeral of Dr. I. H. Asper

Saturday, October 11, 2003

- Attend Alumni Night at the Manitoba Moose Game

Tuesday, October 14, 2003

- Present remarks at the NSERC Industrial Research Chair in High Erucic Acid Rapeseed Research and Development, Dr. Peter McVetty
- Attend luncheon to celebrate the announcement of the NSERC Industrial Research Chair in High Erucic Acid Rapeseed Research and Development
- Attend "Meet and Greet" reception to celebrate the announcement of the NSERC Industrial Research Chair in High Erucic Acid Rapeseed Research and Development

Wednesday, October 15, 2003

- Present remarks at the University's memorial service honouring Israel H. Asper
- Meet with His Excellency Christian Pauls, Ambassador of the Federal Republic of Germany, Mr. Gerry Spindler, Honorary Consul of Germany and Mrs. Pauls

Thursday, October 16, 2003

- Present Sigma Xi Lecture at Ursinus College, Collegeville, Pennsylvania

Saturday, October 18, 2003

- Attend University of Winnipeg's Fall Convocation Dinner

Sunday, October 19, 2003

- Attend University of Winnipeg Fall Convocation Ceremony as a member of the Platform Party
- Attend Hanley Memorial Lecture at St. Paul's College presented by Sr Elizabeth Johnson, csj

Monday, October 20, 2003

- Present remarks at Entrance Scholarship Event

Tuesday, October 21, 2003

- Present remarks at Evening of Excellence

Wednesday, October 22, 2003

- Provide remarks and host Convocation dinner for Honorary Degree recipients

Friday, October 24, 2003

- Receive Doctor of Science (*honoris causa*) at The University of Western Ontario in London, Ontario

Monday, October 27, 2003

- Attend meeting of the J. W. Daoe Foundation

Thursday, October 30, 2003

- Meet with Dr. Weiguo Sun, Vice President from Sichuan University, China
- Attend estimates meeting, with Vice-Chair of the Board and Vice-Presidents, with Council on Post-Secondary Education
- Provide telephone interview to Winnipeg Free Press reporter, Patti Edgar

Friday, October 31, 2003

- Present remarks, along with Dr. Joanne Keselman, Vice-President (Research) at House of Commons Finance Committee meeting in Winnipeg

Saturday, November 1, 2003

- Attend dinner in honour of St. John's College Honorary Degree Recipient and Honorary Fellow (Dr. William Norrie)

Sunday, November 2, 2003

- Attend St. John's College Convocation Ceremony as member of Platform Party

Monday, November 3, 2003

- Meet with Páll Skúlason, President, University of Iceland
- Present remarks at Memorial for Dr. Lyonel Israels at Bannatyne Campus
- Present remarks at announcement of the Centre for Employee Ownership
- Attend dinner hosted by Ambassador Kornelíus Sigmundsson and Anna Soffía Hauksdóttir in honour of Dr. Páll Skúlason and Dr. Emőke J. E. Szathmáry

Wednesday, November 5, 2003

- Receive Golden Dragon Award from the Winnipeg Chinese Cultural and Community Centre at Golden Dragon Award Banquet

Thursday, November 6, 2003

- Attend Helen Betty Osborne Memorial Foundation reception for award winners
- Attend St. Paul's High School 2003 Crusader Challenge Tribute dinner honouring Dr. William Norrie, Chancellor

Monday, November 10, 2003

- Present remarks at University of Manitoba Remembrance Day Ceremony
- Attend meeting of the Council of Presidents of Universities in Manitoba meeting attended by Diane McGifford, Minister of Advanced Education, Pat Rowantree, Deputy Minister, Advanced Education and Don Robertson, Chair, UCN Implementation Team

Wednesday, November 12, 2003

- Attend Winnipeg B'Nai Brith 2003 Award of Merit Gala honouring Bob Silver

Thursday, November 13, 2003

- Attend Winnipeg Chamber of Commerce Luncheon and talk by Dr. Brian Postl, CEO, Winnipeg Regional Health Authority
- Attend meeting of City of Winnipeg and University of Manitoba Joint Liaison Committee at Office of the Mayor
- Present certificates at Annual Outreach Awards
- Attend Chartered Accountants of Manitoba Member Recognition Dinner in honour of Mr. Keith Findlay, a previous Chair of the Board of Governors

Monday, November 17, 2003

- Attend installation, as member of the Platform Party, of Senator Vivienne Poy as Chancellor of University of Toronto

November 19, 2003

Report of the Senate Executive Committee

Preamble

1. The terms of reference for the Senate Executive Committee are found in Section 7.2 of the *Senate Handbook* (revised 2000).
2. The Senate Executive Committee held its regular meeting on November 19, 2003.

Observations

1. **Speaker for the Senate Executive Committee**

Professor Kevin Coombs will be the Speaker for the Executive Committee for the December meeting of Senate.

2. **Comments of the Senate Executive Committee**

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

Respectfully submitted,

Dr. Emőke Szathmáry, Chair
Senate Executive Committee

Terms of Reference: *Senate Handbook* (revised 2000), Section 7.

/jml

October 21, 2003

Report of the Senate Committee on Curriculum and Course Changes Part B - Submitted to Senate for Ordinary Debate

Preamble

1. The terms of reference for the Senate Committee on Curriculum and Course Changes (SCCCC) are found in section 8.21 of the *Senate Handbook*. SCCCC is "to recommend to Senate on the introduction, modification or abolition of undergraduate programs, curricula and courses".
2. This part of the report contains observations and recommendations on course change proposal for units where the net increase is more than nine credit hours. The Senate Planning and Priorities Committee was provided with copies of these proposals as well.

Observations

1. **Faculty of Arts**

Department of French, Spanish and Italian

Due to ever increasing enrolment in the Italian program, the department seeks to diversify the Minor program and offer a variety of three-credit hour courses that mirror student interests and the desires of the greater community. Accordingly, the department proposes the introduction of **044.2AA Speaking in Italian, 044.2BB Writing in Italian, 044.3AA Italian Translation Workshop, and 044.3BB Modern Italian Usage.**

The Student Records Office brought to the attention of the department that a course was on the system and had not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following course: **044.602.**

Department of Political Studies

The department is proposing a major re-organization of their courses at the 200, 300 and 400 levels. Accordingly, the following courses are being deleted: **019.206 Urban and Local Politics, 019.256 Issues of Canadian Politics, 019.273 International Conflict Resolution, 019.286 Canadian Political Parties, 019.312 European Political Systems, 019.356 Canadian Foreign Policy, 019.366 Quebec and the Canadian Political System, 019.383 The Politics of International Economic Relations, 019.390 Research Design and Measurement, 019.471 Contemporary Political Theory, 019.476 Manitoba Politics and Voting Behaviour, and 019.487 Government and Public Sector Unionism.**

As part of the same re-organization, the following courses are being introduced: **019.2YD Introduction to Comparative Politics, 019.3YA International Security and Conflict Management, 019.3YB Globalization and the World Economy, 019.3YC International Political Economy, 019.3ZA Canadian Political Parties, 019.3ZB**

Research Methods in the Study of Politics, 019.4XX Advanced History of Political Ideas, 019.4XY Contemporary Political Theory, 019.4ZA Provincial Politics in Canada, and 019.4ZB Manitoba Politics and Government.

A number of courses will be modified due to this re-organization. The courses in question include: **019.243 The European Union in World Politics, 019.256F Questions d'actualité en politique canadienne, 019.271 Introduction to Political Analysis, 019.314 Selected Topics in Politics 1, 019.315 Selected Topics in Politics 2, 019.360 Political Concepts, 019.362 The Government of Western Europe, 019.364 Comparative Defence Policy, 019.368 Canadian Defence Policy, 019.382 The Ideologies and Politics of Radical Movements, 019.384 Approaches to the Study of International Relations, 019.386 Canadian Federalism, 019.388 Comparative Foreign Policy, 019.391 Applied Statistical Analysis, 019.392 American Politics, 019.393 Foreign Policy Decision-Making, 019.396 Canadian Politics, 019.416 Selected Topics in Politics 3, 019.417 Selected Topics in Politics 4, 019.453 Regionalism in International Relations, 019.457 Public Organizational Management, 019.466 The State in the Economy, 019.473 Strategic Studies, 019.477 Political Choice, 019.481 Seminar in Marxist-Leninist and Contemporary Marxist Political Theory, 019.483 The Politics of International Regions, 019.486 The Canadian Policy Process, 019.491 Scope and Methods in Political Science, and 019.494 American Foreign Policy.**

The above changes have required a modification of the program chart which is included in the recommendation. In addition, the Department proposes reclassification of courses as follows:

Reclassification of Composite Courses to General Courses: **019.266 Human Rights and Civil Liberties (6), 019.271 Introduction to Political Analysis (6), 019.281 Empirical Political Theory (6), 019.314 Selected Topics in Politics 1 (3), 019.315 Selected Topics in Politics 2 (3), 019.324 Feminist Political Theory (3), 019.360 Political Concepts (3), 019.361 Political Metaphors (3), 019.362 The Governments of Western Europe (6), 019.364 Comparative Defence Policy (3), 019.368 Canadian Defence Policy (3), 019.384 Approaches to the Study of International Relations (6), 019.388 Comparative Foreign Policy (3), 019.392 American Politics (6), and 019.393 Foreign Policy Decision-Making (6).**

Reclassification of Composite Courses to Honours Courses: **019.416 Selected Topics in Politics 3 (3), 019.417 Selected Topics in Politics 4 (3), and 019.494 American Foreign Policy (6)**

Reclassification of Honours Courses to General Courses: **019.382 The Ideologies and Politics of Radical Movements (6), 019.386 Canadian Federalism (3), 019.391 Applied Statistical Analysis (3), and 019.396 Canadian Politics (6).**

The Student Records Office brought to the attention of the department a number of Political Studies courses are on the system and have not been offered in a number of years. Accordingly, the department recommends the formal deletion of the following courses: **019.122, 019.152, 019.224, 019.225, 019.228, 019.233, 019.234, 019.303, 019.330, 019.336, 019.337, 019.339, 019.347, 019.350, 019.353, 019.375, 019.378, 019.410, 019.449, 019.452, 019.463, 019.485, 019.701, 019.708, 019.710, 019.714,**

019.719, and 019.778.

Collège Universitaire de Saint-Boniface - Traduction

As part of their on going effort to build the Traduction (Translation) program at Collège universitaire de Saint-Boniface, the Collège is proposing the introduction of four courses: **122.3XXF Sujets particuliers**, **122.4ABF Mémoire de terminologie**, **122.4XYF Gestion d'un service de traduction**, and **122.4XXF Sous-titrage**.

2. Faculty of Education

Department of Educational Administration, Foundations and Psychology

The Faculty requests to cross-list the four non-degree courses offered as part of Continuing Education's Certificate in Adult and Continuing Education as degree credit courses in the Faculty of Education. Accordingly the Faculty proposes the introduction of **129.15W Adult Learning and Development**, **129.15X Foundations of Adult Education**, **129.15Y Program Planning in Adult Education**, and **159.15Z Facilitating Adult Education**.

3. Faculty of Engineering

Department of Biosystems Engineering

In response to the comment of their accreditors that the program was 'too agricultural', the Faculty is proposing course changes that will broaden the scope of the program and cover other aspects of biological systems. New course **034.3PP Mechanics of Materials in Biosystems** will serve as a substitute for 023. 378 Mechanics of Solids 2 and 034.324 Loads and Light Structural Frames. As part of the Biosystems program, students will also be able to take 022.133 Physiology of the Human Body as an alternative to 065.220 Animal and Plant Physiology. Additionally, students will be able to substitute 040.406 Physical Properties of Soil with either 022.132 Anatomy of the Human Body or 057.232 Human Anatomy.

The Faculty is also proposing the introduction of two Biosystems design elective courses, **034.4RE Remediation Engineering** and **034.4PP Pollution Prevention Practices**. These new courses will enhance the Environmental Engineering option in Biosystems Engineering and reflect the expertise of a new faculty member.

Recommendations

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

1. Faculty of Arts

Department of French, Spanish and Italian
Department of Political Studies
College Universitaire de Saint-Boniface - Traduction

2. **Faculty of Education**

Department of Educational Administration, Foundations and Psychology

3. **Faculty of Engineering**

Department of Biosystems Engineering

Respectfully submitted,
Professor B. L. Dronzek, Chair
Senate Committee on Curriculum and Course Changes

/jml

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the report to Senate.

1. **Faculty of Arts****Department of French, Spanish and Italian**

Courses to be introduced:

044.2AA Speaking in Italian +3

Offers extensive practice in idiomatic spoken language. Grammar review with a focus on oral fluency. Conversation will be based on social, political, and cultural aspects of Italian life. *Prerequisite:* a grade of "C" or better in 044.108 or written consent of department head.

044.2BB Writing in Italian +3

This course strengthens writing skills in Italian, with special emphasis on the grammatical structure of the Italian language for effective communication. *Prerequisite:* a grade of "C" or better in 044.108 or written consent of department head.

044.3AA Italian Translation Workshop +3

A practical course on translating many types of text from and into Italian, as well as terminology development. Special emphasis on the use of the Internet and other computer-mediated resources. *Prerequisite:* a grade of "C" or better in 44.208, or a grade of "C" or better in each of 044.2AA and 044.2BB or written consent of department head.

044.3BB Modern Italian Usage +3

Polish your Italian for business and professional work situations from client relations to terminology, including e-mail and Internet. Course will be customized according to students' professional interests. *Prerequisite:* a grade of "C" or better in 44.208, or a grade of "C" or better in each of 044.2AA and 044.2BB or written consent of department head.

NET CHANGE IN CREDIT HOURS +12

Old course to be formally deleted: 044.602.

Modified minor program in Italian as follows:

Italian

8.13.10 Italian (0441)

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
MINOR TOTAL: 18 CREDIT HOURS			
44.108	● 6credit hours in Italian numbered at the 200 level		
	● 6credit hours in Italian numbered at the 300 level		

Department of Political Studies

Courses to be deleted:

019.206	Urban and Local Politics	-6
019.256	Issues of Canadian Politics	-6
019.273	International Conflict Resolution	-6
019.286	Canadian Political Parties	-6
019.312	East European Political Systems	-6
019.356	Canadian Foreign Policy	-6
019.366	Quebec and the Canadian Political System	-3
019.383	The Politics of International Economic Relations	-6
019.390	Research Design and Measurement	-3
019.471	Contemporary Political Theory	-6
019.476	Manitoba Politics and Voting Behaviour	-6
019.487	Government and Public Sector Unionism	-3

Courses to be introduced:

019.2YD Introduction to Comparative Politics +6
An introduction to the methodology and scope of comparative politics, examining political processes and public policies in a variety of political systems, including liberal democracies, post-Communist, newly industrializing, and developing nations.

019.3YA International Security and Conflict Management +6

A study of contemporary world conflict, conflict management, and issues of global security. Students may not hold credit for both 019.3YA and the former 019.273.

019.3YB Globalization and the World Economy +3
An exploration of issues relating to globalization, including regionalism, economic structures and regimes, multinational corporations, global debt, problems in the developing world, and the future for leadership in the international system. Students may not hold credit for both 019.3YB and the former 019.383.

019.3YC International Political Economy +3

A survey of the relationship between political authority and the production and distribution of global wealth. Emphasis is placed on the historical development of international political economy, its fundamentals, as well as major theoretical perspectives. Students may not hold credit for both 019.3YC and the former 019.383.

019.3ZA Canadian Political Parties +3

This course provides students with an understanding of the origins, evolution, operation and programmes of Canadian political parties. Topics addressed include party types, party systems, party organization and financing, electoral activities and party leadership. Students may not hold credit for both 019.3ZA and the former 019.286. *Prerequisite:* a grade of "C" or better in 019.207 or written consent of instructor or department head.

019.3ZB Research Methods in the Study of Politics +3

An introduction to the major quantitative and qualitative research strategies employed in the study of politics. The topics addressed include interviewing, content analysis, comparative studies, survey design, sampling, research ethics and basic statistical analysis. Students may not hold credit for the both 019.3ZB and the former 019.390.

019.4XX Advanced History of Political Ideas +3

An in-depth analysis of selected texts in the history of political theory with a focus on ideas and concerns relevant to contemporary political life. Students may not hold credit for both 019.4XX and the former 019.471. *Prerequisite:* written consent of instructor or department head.

019.4XY Contemporary Political Theory +3

An examination of recent developments in the analysis of political ideas, institutions, and behaviour. *Prerequisite:* written consent of instructor or department head. Students may not hold credit for both 019.4XY and the former 019.471.

019.4ZA Provincial Politics in Canada +3

The course focuses on politics at the provincial level in Canada and on the politics of the regions: Atlantic, Quebec, Ontario, the West and BC. Emphasis is on a comparison of political cultures, governments, budgets, parties, elections, and political change across the regions. *Prerequisites:* written consent of instructor or department head.

019.4ZB Manitoba Politics and Government +3

An examination of politics and government in modern Manitoba. Topics addressed include federal-provincial relations, parties and elections, political culture, the legislative process and public policy. Students may not hold credit for both 019.4ZB and the former 019.476. *Prerequisite:* Written consent of instructor or department head.

Courses to be modified:

019.243 The European Union in World Politics (3)

An examination of the political mechanisms and institutions of the European Community as a politico-economic bloc. Special emphasis is placed on issues such as the Common Agricultural Policy; the effort at economic, monetary, and political union; the goals and limits of the European Political Cooperation; EC's external relations and last, but not

least, Canadian-E.U. relations.

019.364 Comparative Defence Policy (3)

The examination within a comparative framework of the factors determining the making and implementation of the defence policies of a number of representative and significant countries.

019.256F Questions d'actualite en politique canadienne (6)

Une analyse des activités du gouvernement canadien dans certains domaines problematiques ainsi qu'une revue des différentes approches à ces problèmes. Donné au Collège universitaire de Saint- Boniface.

019.271 Introduction to Political Analysis (6)

A critical examination of how various analytical perspectives attempt to study the relationship between truth and bias in political discourse, with particular emphasis on ideological components in established techniques of political understanding.

019.314 Selected Topics in Politics 1 (3)

The content of this course will vary. Contact the department for a course description.

Prerequisite: written consent of instructor or department head.

019.315 Selected Topics in Politics 2 (3)

The content of this course will vary. Contact department for a course description.

Prerequisite: written consent of instructor or department head.

019.360 Political Concepts (3)

An exposition and analysis of the role and meaning of terms central to political discourse. Among concepts to be studied are power, community, justice, freedom, equality and obligation.

019.362 The Governments of Western Europe (6)

A survey of the political and governmental process in Great Britain, France, and Germany.

019.364 Comparative Defence Policy (6)

The examination within a comparative framework of the factors determining the making and implementation of the defense policies of a number of representative and significant countries.

019.368 Canadian Defence Policy (3)

The examination of the evolution and changing priorities of contemporary Canadian defence policy, the policy formulation process, and the role of armed forces in the context of Canadian politics and society. Students may not hold credit for both 019.368 and 019.352 or the former 19.356.)

019.382 The Ideologies and Politics of Radical Movements (6)

A comparative analysis of the programs and ideologies of selected radical movements.

019.384 Approaches to the Study of International Relations (3)

An overview of the various competing theoretical approaches used in the analysis of

international relations, as well as the methodologies used by international politics analysts.

019.386 Canadian Federalism (3)

An examination of Canadian federal structures and processes with emphasis on constitutional influences, the evolution of jurisdictions, province-building and contemporary federal issues.

019.388 Comparative Foreign Policy (3)

A comparative study of the factors affecting foreign policy in selected countries including, but not limited to, Canada, the United States, Russia, China, Japan, Great Britain, France, and Germany. The course also includes an examination of international, regional, and domestic factors affecting the creation of foreign policy by states. Students may not hold credit for both 019.388 and 019.253.

019.391 Applied Statistical Analysis (3)

An examination of statistical models and applications. Topics include descriptive analysis, classification, correlation and regression. *Prerequisite:* a grade of "C" or better in 019.32B or written consent of instructor or department head.

019.392 American Politics (6)

An examination of institutions, processes, public policies, and current public affairs in the United States.

019.393 Foreign Policy Decision-Making (6)

The analysis and construction of selected theoretical models of the foreign policy decision-making process. The case studies examined will refer primarily, but not exclusively, to U.S. foreign policy decision-making.

019.396 Canadian Politics (6)

An examination of recurrent issues and problems in the Canadian political culture including the evolution of parties and ideologies, and issues such as regionalism, dualism, continentalism, civil liberties and the interventionist state.

019.416 Selected Topics in Politics 3 (3)

The content of this course will vary. Contact department for a course description.

Prerequisite: written consent of instructor or department head.

019.417 Selected Topics in Politics 4 (3)

The content of this course will vary. Contact the department for a course description.

Prerequisite: written consent of instructor or department head.

019.453 Regionalism in International Relations (3)

This course examines the nature and substance of political relations among states in the international system to institutionalize relations for economic, political, or security reasons. Emphasis is given to post -1945 and contemporary regional relationships. Regional arrangements studied in the course include, but are not necessarily limited to, North America, Europe, the Asia-Pacific rim, the Middle East, Latin America, and Africa. Students may not hold credit for both 019.453 and 019.483. *Prerequisite:* written consent of instructor or department head.

019.457 Public Organizational Management (6)

A study of the levels and functions of public management in governmental bureaucracy, models of decision-making and organizational development, unionized collective bargaining and equal opportunity employment, with some training in public administration research. *Prerequisite:* written consent of instructor or department head.

019.466 The State in the Economy (6)

Drawing from literature in Canadian political economy, this course will examine historical and contemporary patterns and forms of Canadian state involvement in the economy. Both federal and provincial contexts will be studied and selected areas of current interest, such as the role of crown corporations and industrial policy, will be emphasized. *Prerequisite:* written consent of instructor or department head.

019.473 Strategic Studies (6)

An examination of the role, management, and politics of organized force in the international system. *Prerequisite:* written consent of instructor or department head.

019.477 Political Choice (6)

Conceptualization and application of the factors that explain the choices of participants in political processes such as foreign and domestic policy-making, law-making, and voting. Both rational and non-rational factors will be covered. Emphasis will be placed on the integration of both sets of factors into a comprehensive explanation framework.

Prerequisite: written consent of instructor or department head.

019.481 Seminar in Marxist-Leninist and Contemporary Marxist Political Theory (6)

An examination of Communist political theory from Lenin to the present; an analysis of the main currents of Marxist and Marxist-Leninist theoretical developments since the death of Stalin. *Prerequisite:* written consent of instructor or department head.

019.483 The Politics of International Regions (6)

The course will explore the themes of decolonization, nation-building, political leadership, international conflict, foreign policy and external intervention in the Middle-East, Latin America, Africa, or South-East Asia since World War II. In a given year, the course will concentrate on one of the above areas. *Prerequisite:* written consent of instructor or department head.

019.486 The Canadian Policy Process (6)

This course will examine a number of conceptual frameworks for the analysis of the policy process, will analyze the role of different institutions and actors in the policy process, and will appraise current government responses to problems within Canadian society. *Prerequisite:* written consent of instructor or department head.

019.491 Scope and Methods in Political Science (6)

A research seminar involving the application of particular analytical models or theories to a range of related political problems. *Prerequisite:* written consent of instructor or department head.

019.494 American Foreign Policy (6)

An analysis of the foreign policy of the United States from 1945 to the present, focusing on the explanation of the foreign-policy making process giving rise to them. Students

may not hold credit for both 019.494 and the former 019.493. *Prerequisite:* written consent of instructor or department head.

NET CHANGE IN CREDIT HOURS:

-27

Old courses to be formally deleted:

019.122, 019.152, 019.224, 019.225, 019.228, 019.233, 019.234, 019.303, 019.330, 019.336, 019.337, 019.339, 019.347, 019.350, 019.353, 019.375, 019.378, 019.410, 019.449, 019.452, 019.463, 019.485, 019.701, 019.708, 019.710, 019.714, 019.719, and 019.778.

Modified program in Political Studies as follows:

8.27.3 Political Studies, Department Code: 019

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR TOTAL: 30 CREDIT HOURS			
6 credit hours in Political Studies courses numbered at or above the 100 level	18 credit hours in Political Studies courses numbered at or above the 200 level		
	6 credit hours in Political Studies courses numbered at or above the 300 level		
ADVANCED MAJOR TOTAL: 48 CREDIT HOURS			
6 credit hours in Political Studies courses numbered at or above the 100 level	6 credit hours in Political Studies courses numbered at the 200 level		
	6 credit hours in Political Studies courses numbered at the 300 level		
	6 credit hours in Political Studies courses numbered at the 400 level		
	an additional 24 credit hours in Political Studies courses numbered at or above the 200 level		
MINOR TOTAL: 18 CREDIT HOURS			
6 credit hours in Political Studies courses numbered at or above the 100 level	12 credit hours in Political Studies courses numbered at or above the 200 level		
HONOURS SINGLE¹			
6 credit hours in Political Studies courses numbered at or above the 100 level	18 credit hours from 019.204, 019.207, 019.251, 019.2YD 12 credit hours in ancillary options	019.3ZB 15 credit hours in Political Studies courses numbered at the 300 level ² 6 credit hours in ancillary options	18 credit hours in Political Studies Honours courses numbered at the 400 level 6 credit hours in ancillary options
HONOURS DOUBLE¹			
6 credit hours in Political Studies courses numbered at or above the 100 level	12 credit hours from 019.204, 019.207, 019.251, 019.2YD 12 credit hours in other Honours field 6 credit hours in ancillary options	12 credit hours in Political Studies courses numbered at the 300 level ² an additional 12 or 18 credit hours depending on other Honours field	12 credit hours in Political Studies Honours courses numbered at the 400 level 12 credit hours in other Honours field

NOTES:

¹ A student must include at least six credit hours in political theory (019.251, 019.271, 019.324, 019.351, 019.360, 019.361, 019.481, 019.4XX, 019.4XY).

² A student in Single or Double Honours may, with written permission of the department head, substitute: six credit hours in Honours courses numbered at the 400-level in place of six credit hours numbered at the 300-level.

Collège Universitaire de Saint-Boniface - Traduction

Courses to be introduced

122.3XXF Sujets particuliers

+3

Le contenu de ce cours peut changer en fonction des besoins et des intérêts des étudiants et des professeurs. Donné au Collège universitaire de Saint-Boniface. Préalable: un cours (3 crédits) avec une note minimale de C de niveau 200 ou l'autorisation du professeur.

122.4ABF Mémoire de terminologie

+3

Travail de recherche supervisé en terminologie de l'école de traduction. Ce travail permettra de faire une recherche thématique sur un sujet et d'élaborer des fiches terminologiques. Par ailleurs, l'étudiant ou l'étudiante approfondira ses compétences dans la manipulation des bases de données terminologiques, leur mise à jour et leur enrichissement. Donné au Collège universitaire de Saint-Boniface. Préalable: Une note minimale de B dans le 122.313 (ou l'ancien 122.304) et 122.406.

122.4XYF Gestion d'un service de traduction

+3

Le cours comporte les principes de base de la gestion appliquée à un service de traduction. Il aborde également la gestion et la coordination des équipes en réseau Internet, tant sur le plan national qu'international. Il s'adresse essentiellement aux étudiants de 4e année du Baccalauréat spécialisé. Donné au Collège universitaire de Saint-Boniface. Préalable : Une note minimale de C+ dans les cours 122.215 et 122.326 ou 122.327.

122.4XXF Sous-titrage

+3

Le cours présente un survol des processus traductologiques et techniques du sous- titrage. Il comprend également un volet pratique sur la traduction cinématographique en utilisant des sous-titres. Donné au Collège universitaire de Saint-Boniface. Préalable : Une note minimale de C dans un des cours suivants : le 122.425, 122.409 ou le 122.428.

NET CHANGE IN CREDIT HOURS:

+12

2. Faculty of Education

Department of Educational Administration, Foundations and Psychology

Courses to be introduced:

129.1SW Adult Learning and Development

+3

A study of the extensive knowledge of lifespan development and its importance for adult education practitioners. With a focus on development, learning and change, emphasis is placed on the importance of context and individual differences in adult learning.

129.15X Foundations of Adult Education

+3

An introduction to the field of Education from a local and global perspective. Attention will be given to historical movements in adult education, philosophical perspectives, participation and motivation, transformative perspectives on adult learning, and current and future perspectives on adult education. Students may not hold credit for both 129.15X and 129.530 or the former 116.532.

129.15Y Program Planning in Adult Education

+3

An introduction to the theory and practice of program planning in adult education. Attention is given to the context in which learning is to take place, the structuring of adult learning opportunities, and the logistics of successful programming.

129.15Z Facilitating Adult Education

+3

A study of theoretical and practical aspects of facilitation in adult education.

NET CHANGE IN CREDIT HOURS:

+12

3. Faculty of Engineering

Department of Biosystems Engineering

Courses to be added:

034.3XX Mechanics of Materials in Biosystems +4

In this course students will be exposed to both the theory and physical behaviour of materials when subjected to loads. The course will be delivered using a combination of lectures and hands-on labs. The materials presented include a wide range of design biosystems engineers may be involved with, including plastics, bone, wood, concrete, steel, other biological materials and composites.

034.4RE Remediation Engineering +4

The theoretical basis for the engineering design of different remediation technologies to treat contaminated soil and groundwater will be introduced. Methods for site characterization, monitoring of progress in remediation, and modelling of the remediation process will be presented. Different methods such as soil washing, air sparging, bioremediation, phytoremediation, constructed wetlands, electrokinetic remediation, reactive barriers will be discussed. (Pre-requisite 23.279)

034.4PP Pollution Prevention Practices +4

To give students an understanding of pollution prevention as it relates to solids and hazardous waste management, air and water pollution, energy usage, and resource depletion. To evaluate practices on improved manufacturing operations, present fundamentals of pollution prevention economics, examine waste minimization incentives, design improvements to existing systems, and investigate overall sustainability of industrial practices. (Pre-requisite 23.279 Fluid Mechanics)

NET CHANGE IN CREDIT HOURS: +12

Modified program in Biosystems Engineering as follows:

Common Engineering (First Year) – no changes

Existing			Proposed		
Course		CH	Course		CH
002.130	Chemistry	3	002.130	Chemistry	3
016.105	Physics	3	016.105	Physics	3
016.107	Physics	3	016.107	Physics	3
074.101	Computer Science	3	074.101	Computer Science	3
130.112	Thermal Sciences	4	130.112	Thermal Sciences	4
130.113	Introduction to Engineering	1	130.113	Introduction to Engineering	1
130.118	Introduction to Electric Circuits	4	130.118	Introduction to Electric Circuits	4
130.135	Engineering Statics	4	130.135	Engineering Statics	4
130.140	Engineering Design	4	130.140	Engineering Design	4
136.151	Applied Calculus 1	3	136.151	Applied Calculus 1	3
136.171	Applied Calculus 2	3	136.171	Applied Calculus 2	3
015.129	Critical Thinking	3	015.129	Critical Thinking	3
004.131	Literary Topics 1 or Equivalent	3	004.131	Literary Topics 1 or Equivalent	3

Departmental Program

Existing			Proposed		
Course		CH	Course		CH
002.131	University Chemistry 1	3	002.131	University Chemistry 1	3
005.222	Engineering Statistics	3	005.222	Engineering Statistics	3
136.210	Mathematical Methods for Engineers 1	4	136.210	Mathematical Methods for Engineers 1	4
136.211	Mathematical Methods for Engineers 2	4	136.211	Mathematical Methods for Engineers 2	4
136.212	Introduction to Numerical Methods for Engineers	4	136.212	Introduction to Numerical Methods for Engineers	4
023.279	Fluid Mechanics	4	023.279	Fluid Mechanics	4
023.280	Solid Mechanics 1	4	023.280	Solid Mechanics 1	4
or			or		
025.222	Stress Analysis and Design 2M	4	025.222	Stress Analysis and Design 2M	4
023.371	Finite Element Analysis	4	023.371	Finite Element Analysis	4
023.378	Solid Mechanics 2	4		Engineering or Science Elective	3-4
or					
025.350	Stress Analysis and Design 3M	3			
023.405	Engineering Economics	3	023.405	Engineering Economics	3
024.368	Introduction to Digital Systems	4	024.368	Introduction to Digital Systems	4
025.212	Mechanics of Machines	4	025.212	Mechanics of Machines	4
025.348	Dynamics	3	025.348	Dynamics	3
034.211	Transport Phenomena	3	034.211	Transport Phenomena	3
034.258	Biosystems Engineering Design Trilogy I	4	034.258	Biosystems Engineering Design Trilogy I	4
034.332	Engineering Properties of Biological Materials	4	034.332	Engineering Properties of Biological Materials	4
034.324	Loads and Light Structural Frames	4	New	Mechanics of Biological Materials	4
034.358	Biosystems Engineering Design Trilogy II	4	034.358	Biosystems Engineering Design Trilogy II	4
034.327	Instrumentation and Measurement for Biosystems	4	034.327	Instrumentation and Measurement for Biosystems	4
034.458	Biosystems Engineering Design Trilogy III	4	034.458	Biosystems Engineering Design Trilogy III	4
034.424	Graduation Project	3	034.424	Graduation Project	3
034.439	Unit Operations 1	4	034.439	Unit Operations 1	4
040.406	Physical Properties of Soil	3	040.406	Physical Properties of Soil	3
			or		
			22.132	Human Anatomy	3
060.210	General Microbiology A	3	060.210	General Microbiology A	3
065.220	Principles of Plant and Animal Physiology	4	065.220	Principles of Plant and Animal Physiology	4
			or		
			022.133	Physiology of the Human Body	3
065.237	Principles of Ecology	3	065.237	Principles of Ecology	3
071.201	Biosystems for Engineers	3	071.201	Biosystems for Engineers	3
130.201	Technical Communications	3	130.201	Technical Communications	3
	Technology and Society	3		Technology and Society	3
	Complementary Studies Elective	3		Complementary Studies Elective	3
	Design Elective*	4		Design Elective*	4
	Design Elective*	4		Design Elective*	4
	Design Elective*	4		Design Elective*	4
	Design Elective*	4		Design Elective*	4
	Free Elective	3-4		Free Elective	3-4
	Free Elective	3-4		Free Elective	3-4

* design electives are chosen from the following list:

034.440 Unit Operations 2
 034.442 Crop Preservation
 034.446 Air Pollution Assessment and Management
 034.448 Environmental Impact Assessment
 034.453 Analysis and Design of Biomachinery

034.454 Controlled Environment Production Systems
034.456 Structural Design in Wood
034.459 Management of By-Products from Animal Production
034.460 Design of Water Management Design
034.461 Design of Assistive Technology Devices
New **Pollution Prevention Practices**
New **Remediation Engineering**

November 4, 2003

Report of the Senate Planning and Priorities Committee on Undergraduate Changes with Potential Resource Implications or Course Changes Beyond Nine Credit Hours

SPPC has the responsibility to report to Senate on curriculum changes with significant resource implications, including additions to departmental curricula of more than nine credit hours.

A. FACULTY OF ARTS

The committee reviewed a proposal from the Faculty of Arts to introduce a total of 60 credit hours, and to delete a total of 67 credit hours, in three Departments. In the Departments of French, Spanish and Italian, and Collège Universitaire de Saint-Boniface Traduction, new courses are being introduced in response to student demand. In Political Studies, new courses are being introduced and existing ones deleted or modified, in a substantial reorganization of programs.

A.1 French Spanish and Italian**Preamble**

The Department of French, Spanish and Italian proposes to diversify its Minor program in Italian, in response to popular demand for more practically oriented third-year courses in speaking, writing, translation, and modern usage of Italian.

Observations

1. Four 3-credit hour courses will be introduced, as follows: Speaking in Italian, Writing in Italian, Italian Translation Workshop, and Modern Italian Usage.
2. A statement from Elizabeth Dafoe Library indicates that these courses can be supported adequately with a one-time investment of \$350.00 to acquire 12 recommended titles, which will complement existing resources.
3. Introduction of the proposed courses will have no impact on workload or programmes in other departments.

A.2 Political Studies**Preamble**

The Department of Political Studies, in response to changes and reductions in teaching faculty and in an effort to increase the flexibility and breadth of courses offered, proposes to delete, introduce, modify, and reclassify a substantial number of courses, for a net reduction of 27 credit hours. This curricular review is the first in several years, and responds to changes in the Faculty and the need for certain course offerings.

Observations

1. More courses are being deleted than added at the 200-level, whereas more are being added than deleted at the 300- or 400-levels. The courses slated for deletion have rarely been offered in recent years.
2. Representatives of the following programmes were apprised of relevant changes: Family Studies, Canadian Studies, St. Boniface College, Global Political Economy, Joint MPA, History, Anthropology, Philosophy, and Labour and Workplace Studies. Letters of support for the proposed changes were received from Canadian Studies, with the proviso that 50% of the content of replacement courses must be Canadian, and from the Joint MPA program, History, and Anthropology. St. Boniface College will continue to offer French versions of 019.256 Canadian Politics (6) and 019.356 Canadian Defense Policy (6); affected prerequisites to 019.256F will be removed.
3. Statements from University of Manitoba Libraries (UML) indicate that they now have the resources to support each of the 10 courses to be introduced. The total cost to acquire all of the books on the reading lists for these courses that are not already in the collection is \$10,871.19 CN. Subscription to two serials in this category would cost \$2,105.04/year. The UML statement of support for 19.4XX Provincial Politics in Canada (3) indicates a necessity that the current level of spending for Canadian political studies, \$2,400/year, be maintained.

A.3 Collège Universitaire de Saint-Boniface Traduction

Preamble

The Department of Traduction, Collège Universitaire de Saint-Boniface, proposes the introduction of new courses in the areas of Spanish language skills, translation, and sub-titling, in response to professional demand for such specialized training (e.g., National Bureau of Translation).

Observations

1. Four 3-credit hour courses will be introduced, as follows: Sujets Particuliers, Mémoire de terminologie, Gestion d'un service de traduction, and Sous-titrage.
2. Statements from the library indicate that the collection is currently adequate to support the first course, and that the cost to buy missing or out-of-print materials for the last course would be \$600. Library statements were not received concerning the middle two courses.
3. Introduction of the proposed courses will have no impact on workload or programmes in other departments.

4. The Collège's financial arrangements are independent of the University of Manitoba. SPPC is satisfied that resources are in place or will be allocated to the proposed programme changes.

Recommendation

THAT Senate approve the course changes from the departments of French, Spanish and Italian, Political Studies and CUSB Traduction as presented by the Faculty of Arts.

B. FACULTY OF EDUCATION

B1. Department of Educational Administration Foundations and Psychology

Preamble

1. The Faculty of Education proposes to cross-list 4 courses (a total of 12 credit hours) for degree credit in Education that are currently offered in the Continuing Education Division's Certificate of Adult and Continuing Education program. Cross-listing these courses in Education will provide B.Ed and Post-Baccalaureate Certificate students with greater access than they currently have to elective courses in adult education.

Observations

1. Courses to be introduced in Education are 129.15W (3) Adult learning and development, 129.15X (3) Foundations of adult education, 129.15Y (3) Program planning in adult education, and 129.15Z (3) Facilitating adult education. Demand for these courses in Education is expected to increase directly with a growing emphasis on lifelong learning and workplace education in the development of a knowledge-based economy.
2. These courses to be introduced for credit in Education form the core of the Certificate in Adult and Continuing Education (CACE) program, which is run by the Continuing Education Division. Because the courses are already being offered, introducing them as electives in Education has no resource implications for the university with respect to staffing or library acquisitions (as statements received from the library also indicate). In administrative matters of fees, timelines, and regulations, the model already in use for Education Professional Development Programs will be used to register and track non-degree and degree credit students taking the four courses.
3. The Faculty of Education is satisfied that the courses in question have sufficient depth and academic rigor to warrant acceptance as three credit hour undergraduate courses. The University of Manitoba offers the CACE program in the context of a western Canadian university consortium. At the University of Alberta, which also participates in this consortium, a similar transfer-of-credit arrangement exists for students who have completed these courses in their Faculty of Extension and wish to apply them toward the B.Ed or Master's degree programs in Education.

4. An existing course in the Faculty of Education, 129.530 (3) Introduction to adult education, substantially overlaps with the CACE course to be numbered 129.15X (3) Foundations of adult education. The Faculty plans to delete 129.530, pending acceptance of this proposal and anticipated recognition of the CACE course by the Faculty of Graduate Studies.

Recommendation

THAT Senate approve the proposed course changes in the Department of Educational Administration, Foundations and Psychology as proposed by the Faculty of Education.

C. FACULTY OF ENGINEERING

C1. Department of Biosystems Engineering

Preamble

1. The Faculty of Engineering proposes to change core requirements and introduce three new courses (a total of 12 credit hours) in Biosystems Engineering for accreditation purposes and to meet the needs of students for broader coverage of material science and environmental engineering.

Observations

1. Courses to be introduced in Biosystems Engineering are 034.3PP (4) Mechanics of Materials in Biosystems, 034.3RE (4) Remediation Engineering, and 034.4PP (4) Pollution Prevention Practices. Biosystems students will be allowed to substitute courses in human physiology and anatomy for courses in animal and plant physiology and physical properties of soil. The proposed curriculum and course changes are intended to respond to (a) the growth of a newly emerging sub-discipline of environmental engineering, (b) a new faculty member's area of expertise, and (c) an accreditation board review, which suggested that the program's present focus on agriculture should be broadened to cover other aspects of biological systems.
2. The new course, 034.3PP (4) Mechanics of Materials in Biosystems, will substitute for existing courses 023.378 Mechanics of Solids 2 and 034.324 Loads and Light Structural Frames. The latter course will be deleted when the last students admitted under existing requirements have finished it.
3. An initial expense of \$1500 will be necessary to fabricate a bench-top testing apparatus for labs in the proposed course 034.3PP (4) Mechanics of Materials in Biosystems. This cost will be covered with available funds from an NSERC Chair in Design Engineering.
4. Ongoing costs related to staffing and materials will be allocated as

follows: Lab materials (estimated at \$200/year for 034.3PP, for example) will be covered through the use of research labs for teaching purposes, as is generally done in this department. Because the new course 034.3PP will eventually replace 034.324, staffing of the new course will not be an ongoing additional expense. Likewise, resources for staffing the new course 034.4RE have become available through the merger of two courses into one on Water Management Design, which took place last year. The new course 034.4PP is in the area of expertise of a new faculty member who will have responsibility for teaching this course.

5. Statements received from the library indicate that the proposed courses 034.4RE and 034.4PP can be supported within existing resources. No statement was received concerning 034.3PP; however, this course is being introduced to consolidate information from two courses and ultimately to replace one that the library already supports.

Recommendation

THAT Senate approve the changes in the Department of Biosystems Engineering as proposed by the Faculty of Engineering.

Respectfully submitted,

Juris P. Svenne, Chair

Senate Planning and Priorities Committee

/jml

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the report to Senate.

FORMAL PROPOSAL FOR
POST-BACCALAUREATE DIPLOMA IN PERFORMANCE
SCHOOL OF MUSIC

READ AND APPROVED.

DALE J. LOUIS, DIRECTOR

Dale Louis

Prepared by
Karen Jensen
Associate Director,
School of Music
University of Manitoba

SUMMARY OF PROGRAM PROPOSAL

The purpose of the Post-Baccalaureate Diploma in Performance is to provide advanced training for selected students in performance. It is similar to the Artist Diploma offered at McGill University in that its admission requirements include a Bachelor's degree and a high standard of performing ability, but currently there is no equivalent program in Western Canada. There is a demand here as evidenced in enrolment patterns for the M.Mus. degree. Whereas the projected enrolment in the Master's program was anticipated to be 14-16 students per year, as we enter the third year of its existence there are currently 19 full-time students. Of the total number of M. Mus. applicants this year (from Canada, the Netherlands, U.S, Cuba, China, and Colombia), 50% were not accepted, but 6 of those were performers whose applications indicated professional aspirations and qualifications which would have made them suitable candidates for the proposed Diploma program.

Part of the rationale for the introduction of this program is to make a contribution to the University of Manitoba's strategic plan, which (*inter alia*) emphasizes retention and recruitment. Upon its adoption, the Diploma program will affect retention as incoming mature performers add to the positive experience of current students through shared musical interactions. Recruitment will be enhanced through niche marketing where effort is made to reach the local and international student-artists who are already looking for this level and type of educational experience. (See letters enclosed.)

The design of this one-year program is based on the existing University of Manitoba Post-Baccalaureate Certificate in Education, including the number of credit hours, the style of the calendar description, and the degree of flexibility in choosing electives from existing courses. Core requirements are in performance-related areas, including major practical study, a public recital, and an ensemble, with the remaining credits being selected from current course offerings.

This diploma program can be launched immediately as bridge funding for upcoming retirements has already added new full-time faculty teachers who teach studio lessons. Among them are specialists in the most popular performance areas, and other full time faculty have both the expertise and the load-time to teach the most under-represented instruments. Not all qualified students will be accepted--only those whose major instrument matches the teaching staff available with current resources. As a better balance of instruments represented within the general student body is achieved through means of careful admissions monitoring, the effectiveness and variety of ensembles available will ensure the enhancement of all programs at the School of Music.

Finally, the Post-Baccalaureate Diploma in Performance will forge stronger links to the music industry in both popular and classical arenas. The School of Music's new full-time jazz specialist will begin his work this fall. Relationships with classical organizations have been developed to provide audition opportunities for performance students. With the establishment of this new program, young professionals from Winnipeg and surrounding communities will be able to engage in level-appropriate study without going elsewhere, and those from other Western Canadian cities, the U.S., and from abroad, will find Winnipeg an attractive cultural centre where it is possible and affordable to flourish as an artist.

SECTION I: PROGRAM DESCRIPTION

1. Describe the program, including each area of concentration, as it would appear in a catalogue:

The one-year Post-Baccalaureate Diploma in Performance offers advanced training in performance at the pre-master's level.

Students will spend half of their total course load in performance-related activities, and the remainder in academic course electives.

The major practical study instrument/voice areas offered will be contingent on the instructor expertise available as represented by current faculty at the time of application.

2. Where possible, list the courses (title, number, semester credit hours, and catalogue description) that would constitute the requirements and other components of the proposed program. Indicate which courses are currently offered and which will be new.

General Overview of Program:

The design of this one-year program is based on the existing University of Manitoba Post-Baccalaureate Certificate in Education, including the number of credit hours, the style of the calendar description, and the degree of flexibility in choosing electives from existing courses. As with the current Master's Program, the pre-requisite for admission is the Bachelor of Music or its equivalent or a Conservatory program taken in residence. (The latter is considered equivalent to the Bachelor of Music in European and American institutions.)

There are three required courses in the diploma program, all in the major performance area:

- Major Practical Study – individual lessons with the principal teacher

- Ensemble – voice or instrument-appropriate musical ensemble activity
- Recital – solo performance.

The above-mentioned courses would require new course numbers. We suggest they be selected in sequence with the equivalent performance-related undergrad and graduate courses, e.g. using 540 for Major Practical Study which at the undergraduate level is 140, 240 in first and second year and at the Graduate level is 740. The remainder of the credit hours would consist of electives selected from existing 300 and 400 level courses.

The Calendar Entry would read as follows:

The School of Music offers a Post-Baccalaureate Diploma in Performance designed for musicians who wish to further their performance skills in preparation for further study or professional activity. A unique feature of the PBDP program is that students can design a significant portion of their program of study and tailor it to their own areas of interest. They may take courses at the School of Music as well as in other faculties and schools at the University of Manitoba. In addition, courses taken while a student in the PBDP program may be transferred into the Master's program where the appropriate standards have been met and requirements have been satisfied.

ADMISSION REQUIREMENTS

Applicants for Admission must submit the completed application form and fee, and must possess a Bachelor of Music degree or a Conservatory Diploma taken in residence. They must also pass an entrance audition, which requires the performance of three works

of contrasting styles and/or historical periods appropriate to the audition medium. This audition would normally be held in person, but audio or video-taped auditions may be accepted where distance is a prohibitive factor. Application materials which misrepresent the level of performance ability will be treated as fraudulent, resulting in dismissal from the program.

Admission may not be possible for all qualified applicants, as it is dependent on number of spaces available, the major practical study area, and instructor availability.

Applicants who hold the Post-Baccalaureate Diploma in Performance from the University of Manitoba (or an equivalent Post-Baccalaureate one-year program from another institution) may apply for a second PBDP if studying a different applied instrument than that of their first PBDP in their Major Practical Study, Ensemble, and Recital courses, and if the remaining course credits taken do not duplicate those of the first PBDP.

ADMISSION PROCEDURES

Application forms may be obtained from the School of Music. Completed application forms must be received by January 31st to begin study in September, or June 15th for a January start date.

PROGRAM REQUIREMENTS

Reminder: While School of Music staff and faculty are available to clarify school and university regulations and degree requirements, it is the student's responsibility to ensure that diploma and

program requirements are met.

The Post-Baccalaureate Diploma in Performance requires the successful completion of 30 credit hours of coursework, subject to the following regulations:

a) A minimum of 18 credit hours must be taken in the School of Music (although all 30 may be taken within the School).

b) Required Courses:

a. 033.5xx Major Practical Study, 6 credit hours, 1 hr. instruction/week or the equivalent

b. 033.5xx Recital, 6 credit hours, 1 hr. instruction/week

c. 033.5xx Ensemble 3 credit hours

c) A maximum of 12 credit hours of courses may be transferred into the PBDP program.

ACADEMIC STANDING

Regulations for the Post-Baccalaureate Diploma program regarding academic standing, scholastic progress, attendance, required GPA, probation and suspension will follow those governing the Bachelor of Music program as outlined in the School of Music Student Handbook.

MAXIMUM TIME LIMITS

Expected time to complete program: 1 year. The maximum time allowed for completing the Post-Baccalaureate Diploma program is 3 years. Students will not be permitted to transfer for credit any course completed more than five years prior to the completion date of the diploma.

COURSES AVAILABLE

Undergraduate 300 and 400 level courses approved by the School of Music may be used as electives in designing the program of study. Students will register for their courses after their program has been determined in consultation with their major practical study teacher who will act as academic advisor during the Post-Baccalaureate Diploma program. Students may not count toward the PBDP any courses which counted for credit in any previous degree.

CREDIT TRANSFER

Transfer of credits into the PBDP program will be processed by the School of Music Registrar. A maximum of 12 credit hours of courses may be transferred into the PBDP program provided that they have not counted toward any previous degree.

A minimum of 18 credit hours must be taken within the School of Music, although up to the full 30 credit hours of the diploma program may be taken within the School.

Transfer of credits from the PBDP program into the M.Mus. is processed through the Faculty of Graduate Studies. Courses may not be counted for more than one degree, and may be transferred from the PBDP to the M.Mus. only if they have not been counted toward the PBDP or more than the minimum credit hours have been taken.

COMPLETION OF THE PROGRAM:

Minimum: 1 year

Maximum: 3 years. Extensions may be granted by the Director for medical or compassionate reasons.

Medical: A letter from the student's physician stating the diagnosis and treatment with projected recovery.

Compassionate: A letter from the student outlining the reasons for the extension showing that extenuating circumstances beyond the student's control have contributed to the need for an extension.

ASSESSMENT

Student Assessment:

Type of evaluation: Academic freedom dictates that there will be variation between classes according the professor's preferred systems, approaches, materials, readings, and assignments.

However, the University of Manitoba regulations as outlined in the General Calendar as stated in the Responsibilities of Academic Staff to Student Policy. Within the first week of classes, the student will be informed in writing of the method of evaluation according

the individual grading letter/number correlations to be utilized within the letter-grade system of the University of Manitoba.

Minimum Grade Requirements: In the School of Music students must attain a grade of C or higher for course to count toward a degree except in the case of Recital where a minimum grade of B is required. The PBDP program will be governed by these regulations, as outlined in the Student Handbook. Should the student transfer to another faculty in the university, that faculty's regulations would apply relating to transfer of credit.

Successful completion of the program will be achieved by receiving a mark of C or higher in 30 credit hours.

Teacher Assessment: The SEEQ course evaluations will be used in the PBDP program for academic courses, and the School of Music specialized forms will be used for the performance-related courses.

3. Outline the education objectives of the program.

The Post-Baccalaureate Diploma in Performance is designed to

- deliver a quality musical education to select advanced performers at the post-secondary, pre-master's level, and
- provide access to a performance diploma program for students from the North-American mid-west, and
- enrich the experience of current students at the School of Music at the University of Manitoba by the added presence of advanced performers.

4. Describe the expected learning outcomes in terms of skills, knowledge, attitudes or other attributes which students will accrue as a result of their involvement in the proposed program.

Students will achieve a higher level of performing ability and musical intelligence as a result of the course instruction and the

shared musical interactions with other student, faculty, and professional performers in this musical community.

5. If applicable, describe any selective admissions policy or specific criteria for students selecting this as a major field of study.

Applicants for Admission must possess a Bachelor of Music degree or a Conservatory Diploma taken in residence. They must also pass an entrance audition, which requires the performance of three works of contrasting styles and/or historical periods appropriate to the audition medium. This audition would normally be held in person, but audio or video-taped auditions may be accepted where distance is a prohibitive factor. Application materials which misrepresent the level of performance ability will be treated as fraudulent, resulting in dismissal from the program.

Admission may not be possible for all qualified applicants, as it is dependent on number of spaces available, the major practical study area, and instructor availability.

Applicants who hold the Post-Baccalaureate Diploma in Performance from the University of Manitoba (or an equivalent Post-Baccalaureate one-year program from another institution) may apply for a second PBDP if studying a different applied instrument than that of their first PBDP in their Major Practical Study, Ensemble, and Recital courses, and if the remaining course credits taken do not duplicate those of the first PBDP.

6. Describe the extent to which this program is central to the institutional mission and planning priorities of the campus.

Part of the rationale for the introduction of this program is to make a significant contribution to the University of Manitoba's

strategic plan, which (*inter alia*) emphasizes retention and recruitment. Upon its adoption, the diploma program will improve retention as incoming mature performers add to the positive experience of current undergrads through role modeling and shared musical interactions. Recruitment will be enhanced through niche marketing where effort is made to reach the local and international student-artists who are looking for this level and type of educational experience.

The introduction of the Post-Baccalaureate Diploma in Performance will also assist the School of Music in reaching one of its own long-term goals: to achieve the ideal critical mass in student and faculty numbers in order to enhance the musical experience for all.

The Diploma in Performance is part of the School of Music's plan to:

- forge strong links to the music industry in all fronts: music recording, arts management, music therapy, musical theatre, and jazz. To that end we have already secured a full time position in jazz, and have cooperative agreements with community professional organizations (Winnipeg Symphony Orchestra, Manitoba Opera Association, Royal Winnipeg Ballet)
- attract international students to the University of Manitoba by giving them a program to which they may be enrolled full-time, enabling them to obtain the necessary visa to come to Canada and prepare for further studies.
- increase student numbers to support a more varied musical experience and a better critical mass to support all programs: Ideal size: 220 undergrad, 60 grad and diploma students.

7. There is no equivalent program in the province.

SECTION II: MARKET NEED AND MARKET DEMAND FOR THE PROGRAM

1. Where possible, state the specific local or provincial needs for graduates of the proposed program for the next 3 to 5 years. This should include projections of both ongoing and future demand in regions throughout Manitoba; as well as evidence and supporting data of market need for the program.

This diploma in performance stands between the Bachelor's level and Master's Degree and is poised to fill the current demand for a central Canadian equivalent to the McGill Artist Diploma. The McGill Diploma is open to advanced students in performance who have the Bachelor's degree or equivalent, who wish to focus on performance and applied courses rather than the traditional Master's in Music with its strong academic component. No such diploma exists in Western Canada. There is now a demand on the prairies for a performance program for advanced students in performance whose skill level surpasses the undergraduate benchmark, but who do not fit the profile for the Master's degree. This is evident in the enrolment patterns for the M.Mus. degree. Whereas the projected enrolment in the Master's program was anticipated to be 14-16 students per year, as we enter the third year of its existence there are currently 19 full-time students. Of the total number of M. Mus. applicants this year (from Canada, the Netherlands, U.S, Cuba, China, and Colombia), 50% were not accepted, but 6 of those were performers whose applications indicated professional

aspirations and qualifications which would have made them suitable candidates for the proposed Diploma program.

2. What are the probable employment destinations of program graduates.

For both performers and performer-teachers, employment will be available in Winnipeg, the province of Manitoba, across Canada, and abroad. Normally this requires further study at the Master's level, and the PBDP will assist students to prepare for this next step. Those working toward careers as collaborative or solo performers, or as performer-teachers will use the PBDP to prepare thoroughly for auditions for Master's programs in other centers including University of Manitoba, Brandon, and elsewhere.

3. Where appropriate, did industry, business and/or any other pertinent groups play a role in the development of this program and/or commit resources to its future?

The Winnipeg Symphony Orchestra played a significant role in initiating the idea of collaborative interaction with performance majors. This is now available with other professional groups in Winnipeg such as the Manitoba Opera Association. Music teachers in the area who are members of the Manitoba Registered Music Association or the University of Manitoba Preparatory Studies division have expressed a great interest in having this very useful Diploma program launched.

4. How does the program correspond with the province's economic, social and cultural priorities?

Winnipeg and the province of Manitoba as a whole has established itself as one the most music intensive environments in the world. The New Music Festival is but one of the national events held here. The importance of the arts as a priority is

thoroughly documented in the Buchwald Report submitted to City Council.

5. What potential does this program offer in terms of job creation and research and development?

There is no direct job creation or research development which stems from this program except its ability to act as a stepping stone for further study.

SECTION III: STUDENT DEMAND FOR THE PROGRAM

1. What students is [*sic*] the program intended to serve?

Applicants who have contacted the School who would apply for the Diploma program vary:

- There are those who are focusing primarily on a future as a performer or performer-teacher and do not wish to continue in post-graduate academic programs at this time. These students will typically work as solo and ensemble performers, and open private studios or teach part-time in various institutions in the province.
- There are those preparing to eventually enter a Master's Program and need time to improve their English proficiency. There have been about inquiries from China, Ukraine, Netherlands, Japan, Germany and South America.
- There are those who come from other Master's programs specifically to take advantage of the teaching excellence available in a particular performance area. (Please see letter of interest from Louise Pinkerton, U.N.D. graduate.)

2. What is the evidence that provincial students are not being adequately served within existing program offerings in Manitoba?

There is no prairie equivalent of the proposed program.

3. Provide evidence of student interest and demand for the program.

In the 2002/03 academic year approximately 50% of the 14 applicants to the M.Mus. Graduate Program were not accepted, and of these, 6 would likely have been acceptable in the above-described Diploma program. This past year the Graduate Chair received many more inquiries beyond those who actually applied. Based on this year's inquiries, our overall post-graduate numbers would increase by approximately one third.

4. What are the projected enrolments for the program?

Expected incoming enrolments would total 5-7 each year.

5. Which programs currently offered by the institution are projected to lose enrolment to this program?

None.

6. What are the proposed growth limits and minimum enrolments?

At current resource levels we would be restricted to a maximum of 7. There is no minimum required to maintain program viability.

7. Project the number of graduates for the first 3 to 5 years of the program and, where appropriate, the anticipated number of program majors (full-time and part-time) for each of the first five years of the program.

Within the first 3-5 years it is anticipated that there would be more applicants than places available. Under-represented instruments will be given priority. Not all qualified applicants will be accepted, but only those whose instrument areas are represented by the teaching areas of current faculty.

8. What steps have been taken to ensure participation and success in the program by under-represented groups, such as women, the disabled, minorities and aboriginal students?

We expect to be able to attract minority candidates since our program will be attractive to international students. Women are

not an under-represented group in music performance programs. Because of the specific pre-requisites for the diploma, under-represented groups may or may not be in the application pool. Those who so apply will be directed to the appropriate resources in order to be able to succeed, just as is done presently in the undergraduate program.

9. Will the program be available to part-time learners?

Yes. Students may take three years to complete the program.

SECTION IV: FACULTY REQUIREMENTS

1. Provide a list of current faculty by rank and areas of expertise who will teach in the program:

- Dr. Dale Lonis, Professor, (low brass)
- Prof. Mel Braun, Associate (voice)
- Prof. Richard Burleson, Associate (lute)
- Prof. Claudia Chen, Assistant (piano)
- Dr. Richard Gillis, Assistant (trumpet)
- Prof. Charles Horton, Associate (piano)
- Dr. Karen Jensen, Professor (voice)
- Dr. Judith Kehler Siebert, Associate (Piano)
- Dr. Steve Kirby, Assistant (String Bass)
- Dr. Laura Loewen, Assistant (piano)
- Dr. Paul Marleyn, Associate (cello)
- Dr. David Moroz, Assistant (piano)
- Dr. Oleg Pokhanovski, Assistant (violin)
- Sessional instructors as current resources allow. Our sessional faculty change year to year.

2. Will the Program involve the hiring of new faculty of staff.

No.

SECTION V: COOPERATIVE ARRANGEMENTS

1. Describe the cooperative arrangements with other institutions and organizations that may be used to offer this program.

The program has a cooperative arrangement with the Winnipeg Symphony Orchestra, Manitoba Opera, Royal Winnipeg Ballet, and other musical organizations in the city which will provide opportunities for students to receive professional experience at the same time as pursuing an academic degree. Students may receive credit for time served in these organizations on the basis of a live audition and an agreed number of services.

2. Will the credits of the proposed program be fully transferable (in terms of both the credit as well as the grade) to other institutions in Manitoba?

We cannot speak for other institutions in Manitoba. Transfer credits are usually done by institutions on the basis of an individual evaluation; however, these courses are standard in music programs and are being taught by qualified professors. It is to be assumed that they would transfer in the normal way.

3. Does the program have an internship or practicum component?

No, not beyond the courses listed. Practical activities are listed as course numbers.

4. What provisions will be made in the program to enable students to receive credit for relevant learning previously achieved outside of the Manitoba post-secondary education system?

The normal system of evaluating transcripts will be followed according to the regulations as listed in the calendar description in Section I above.

SECTION VI LEARNING TECHNOLOGIES

1. What use will be made in the program of modern learning technologies?

We will utilize the 'smart classroom' technologies developing as part of the new CMAD building for current courses, and to

make courses available through distance education where possible.

SECTION VII RESOURCE REQUIREMENTS

1. Describe the adequacy of existing library resources to support the proposed program. Indicate how the institution will overcome any deficiencies.

Existing library resources are sufficient as this program does not introduce new academic courses. The performance courses introduced are supported by current music holdings.

2. Are existing computer facilities adequate to support the new program?

New computer facilities are not needed for this program.

3. How will the proposed program impact on the use of existing infrastructure and equipment?

Existing infrastructure is no less adequate as increased numbers of students will total only a tiny percentage of the student body.

4. Describe any additional facilities, facility modifications, and equipment that may be required for the proposed program.

No new equipment or space is required beyond that already planned.

SECTION VIII FINANCIAL CONSIDERATIONS

No new financial resources are needed.

SECTION IX: PROGRAM CONSULTATIONS AND EVALUATION

No program consultations have been warranted.

ADDENDUM: Course Descriptions

Core, required courses:

033.5xx Major Practical Study (6) Individual instruction in the instrument area of study at the Post-Baccalaureate level.

033.5xx Ensemble (3) Participation in a School of Music ensemble as is appropriate to the student's background and/or major applied area. (To be decided by the Major Practical Study Teacher in consultation with the ensemble committee).

033.5xx Recital (6) Preparation and performance of a public, full-length recital at the Post-Baccalaureate level. The program, must be approved by the applied instructor and the jury committee judging the recital. It should include an appropriate balance of solo and chamber repertoire.

Electives:

Electives will be chosen from available 300 and 400 level courses recommended by the advisor and approved by the School of Music. Current 300 and 400 level course electives available are:

033.302 History and Performance of Jazz (3) A course on the nature and processes of jazz in terms of its historical background and development in the United States.

033.303 History of Music in Worship (3)

033.305 Research Methods (3) Techniques of bibliography and expository writing in music. Minor research projects in selected areas; the use of primary and secondary sources.

033.309 Introduction to Ethnomusicology (3) A study of style, performance methods and social role of selected non-Western and indigenous Western music, with particular emphasis on native Canadian music, through readings in field studies and methodology.

033.310 Opera Repertoire (3) The nature of the opera, its beginnings and development to modern times.

033.311 Chamber Music Repertoire (3)

033.313 Music for Children 1 (6) The philosophy, techniques and materials in Orff-Schulwerk, including practical activities in the areas of Basic Orff, creative movement, recorder, aural skills and choral techniques. Applicants should have a knowledge of music rudiments. Prerequisite: a grade of "C" or better in 033.093 or equivalent preparation (CC Grade 4 theory; RCT Grade 2 theory; an introductory Orff-Schulwerk course) or consent of the School of Music.

033.314 Music for Children 2 (6) Further study of the Orff-Schulwerk approach music education, including the areas of Basic Orff, creative movement, recorder, aural skills, improvisation and choral techniques. Prerequisite: a grade of "C+" or better in 033.313 or equivalent preparation, plus consent of the instructor.

033.323M Acoustics of Music (3) A study of the physical basis of music; consideration of the nature of musical sound, tone production of typical musical instruments, scales, and temperaments, and architectural acoustics. Experiments and projects.

033.330 Composition Study (6) Individual instruction in composition. For Music students only.

033.348 Minor Practical Study (3) Individual instruction in an area other than that selected for Major Practical Study. Normally a continuation of 033.248. Written consent of the director is required prior to registration.

033.360 Conducting (3) Development of the conducting craft including the use of the baton, effective verbal and non-verbal rehearsal skills and practice in score preparation.

033.362 Independent Study 1 (3) Individual project designed by the student and a supervising faculty member. This study may be in an academic or applied area. Approval of the director required.

033.363 Music Theory 5 (3) A study of the technical capabilities and tonal characteristics of orchestral instruments, as well as practical scoring and arranging for various groups, from chamber to full orchestra and band. *Prerequisite:* 033.212 or consent of the School of Music.

033.369 Percussion Techniques (3) Class instruction in percussion instruments. Development of basic playing techniques and examination of materials and procedures for individual and group instruction.

033.372 Classroom Instruments (3)

033.373 Early Music Development (3) Procedures and materials for the development of musicality in children through listening activities, movement, creativity, singing and classroom instruments.

033.377 Vocal Techniques (3) Class instruction in vocal technique. Development of good vocal and choral sound and examination of materials and procedures for individual and group instruction.

033.378 Woodwind Techniques (3) Class instruction in woodwind instruments. Development of music playing techniques and examination of materials and procedures for individual and group instruction.

033.379 Brass Techniques (3) Class instruction in brass instruments. Development of basic playing techniques and examination of materials and procedures for individual and group instruction.

033.380 String Techniques (3) Class instruction in string instruments. Development of basic playing techniques and examination of materials and procedures for individual and group instruction.

033.381 Electroacoustic Music 1 (3) An introduction to computer applications in music. Topics include: Historical perspective, FM synthesis, MIDI, personal computers, digital sequencing, basic mixing and recording techniques. *Prerequisite:* 033.212 or consent of instructor.

033.382-382 Topics in Music Courses

The study of music through such themes as the music of a single composer or a single country, music for a specific instrument or a specific type of ensemble, or in a particular theoretical, historical or cultural context. Open to any student who has completed second year music history or music theory courses with a grade of "C" or better, or who has written consent of the School of Music.

033.382 Topics in Music (3) This course may vary from year to year depending on the needs and interests of instructors and students.

033.383 Topics in Music (3) This course may vary from year to year depending on the needs and interests of instructors and students.

033.384 Topics in Music (3) This course may vary from year to year depending on the needs and interests of instructors and students.

033.385 Topics in Music (3) This course may vary from year to year depending on the needs and interests of instructors and students.

033.386 Topics in Music (3) This course may vary from year to year depending on the needs and interests of instructors and students.

033.387 Topics in Music (3) This course may vary from year to year depending on the needs and interests of instructors and students.

033.388 Jazz Band Techniques (3) Procedures for organizing, rehearsing, and directing small and large group jazz ensembles. Study of repertoire and performance materials, with emphasis on personal understanding of jazz improvisation and style.
Prerequisite: enrolment in the B.Mus./B.Ed. integrated program or consent of the School of Music.

033.396 Music of the Twentieth Century 1 An introduction to music written between 1900 and 1945. Works will be examined from both a compositional/theoretical perspective and in terms of their historical/social/philosophical contexts. *Prerequisites:* 033.212 and 033.207 and 033.208.

033.397 Music of the Twentieth Century 2 A continuation of 033.396, examining works from 1945 to the present. *Prerequisites:* 033.396 and 33.212 or consent of the instructor.

033.406 History of Music 4 (3) A study of European music from the Greek Aesthetic and practical roots to the Trecento. *Prerequisites:* 033.212 and 033.397, or consent of the School of Music.

033.407 History of Music 7 (3) A study of European music from the Ars nova to 1600. *Prerequisites:* 033.212 and 033.397, or consent of the School of Music.

033.411 Special Area Paper (3) The student will select a particular area of special interest or significance, work under supervision of a faculty member, and present results in an extended paper. *Prerequisites:* 033.212 and 033.207, or consent of the School of Music.

033.413 History of Women in Music (3) A study of the female contribution to the art of music from the Middle Ages to the present; emphasis on the changing roles of, and attitudes towards, women as composers and performers.

033.415 Choral Repertoire (3) A study and examination of choral repertoire suitable for community and church choir.

033.416 Major Practical Study (3) Individual instruction, normally in the area chosen in 033.347. An important constituent of the grading procedure for this course is performance in and attendance at the recitals/concerts of the School of Music. For Music students only.

- 033.418 Ensemble (2)** Participation in University Symphony Orchestra, University Wind Ensemble, University Choir or University Singers, as is appropriate to the student's background and/or major applied area (to be chosen in consultation with the School of Music).
- 033.419 Ensemble (2)** Participation in a School of Music Ensemble other than the one designated as appropriate in 033.418 (to be chosen in consultation with the School of Music).
- 033.426 Composition Seminar (6)** Consideration of various stylistic, formal and aesthetic problems of particular concern to the composer. Experimental and research projects; topics vary from year to year. May be repeated for credit with different subject matter. *Prerequisites:* 033.212, or consent of the School of Music.
- 033.430 Composition Study (6)** A continuation of 033.330; under the instructor's supervision, the student will compose a major work intended for performance at the conclusion of the course. For Music students only.
- 033.435 Music for Children 3 (6)** Advanced study of the Orff-Schulwerk approach to music education. *Prerequisite:* A grade of "B" or better in 033.314 plus consent of the instructor.
- 033.442 Diction for Singers (3)** Articulatory training in English, French, German and Italian diction for singers.
- 033.446 Pedagogy and Repertoire (3)** A consideration of approaches to the teaching of style and technique, through an examination of the repertoire for the student's major practical study. Required course for organ, piano and voice majors in Performance and General concentrations.
- 033.447 Major Practical Study (6)** Individual instruction, normally in the area chosen in 033.347. An important constituent of the grading procedure for this course is performance in and attendance

at the recitals/concerts of the School of Music. For Music students only.

033.448 Minor Practical Study (3) Individual instruction in an area other than that selected for Major practical study. Normally a continuation of 033.348. Written consent of the director is required prior to registration.

033.456 Recital 2 (6) Preparation and performance of a public, full-length graduation recital. The program, which must be approved by the applied instructor and the director, will normally include a major chamber music work.

033.475 Choral Techniques 1 (3) Procedures for organizing, rehearsing and conducting various types of choral ensembles. Examination of performance materials.

033.476 Choral Techniques 2 (3) Continued study in rehearsing and conducting standard choral ensembles. Study of repertoire and related literature. *Prerequisite:* 033.475.

033.477 Band and Orchestral Techniques 1 (3) The historical development and present instrumentation of standard instrumental ensembles. Procedures for organizing, rehearsing and conducting bands and orchestras. Examination of performance and instructional materials.

033.478 Band and Orchestral Techniques 2 (3) Continued study in rehearsing and conducting standard instrumental ensembles. Study of repertoire and related literature. *Prerequisite:* 033.477.

033.481 Electroacoustic Music 2 (3) An examination of additional topics in computer music. Topics include: Digital sampling, advanced sequencing and other MIDI applications, digital recording and editing, software synthesis, algorithmic composition. *Prerequisite:* 033.381 or equivalent, or consent of instructor.

August 19, 2003

Report of the Senate Committee on Curriculum and Course Changes on a Proposal from the School of Music for a Post-Baccalaureate Diploma in Performance

Preamble

1. The terms of reference for the Senate Committee on Curriculum and Course Changes (SCCCC) are found in Section 8.21 of the *Senate Handbook*.
2. SCCCC, in the Taxonomy for Non-Degree Programs, as approved by Senate on November 7, 2001, is to recommend to Senate on the establishment of Post-Baccalaureate Diplomas.
3. SCCCC met with representatives of the School of Music on August 21, 2003 to discuss and consider their proposal to introduce a Post-Baccalaureate Diploma in Performance.

Observations

1. The program is similar in structure to the Faculty of Education's Post-Baccalaureate Diploma in Education. The program is comprised of 30 credit hours, with 15 credit hours being core required performance-based courses in the School of Music and 15 credit hours of electives, at least three of which must be additional School of Music Courses.
2. The program's purpose is to "provide advanced training for selected students in performance". Many students apply for admission to the Master of Music program because no such Post-Baccalaureate Diploma exists in Western Canada, even though their professional goals are more suited to the Post-Baccalaureate Diploma. The program would also enable the School of Music to build on their student population and provide positive role models for current undergraduate students.
3. The School of Music anticipates an enrolment of six students in the first year of the program.
4. The three new courses proposed in the introduction of the program, **033.5XX Ensemble**, **033.5XX Major Practical Study**, and **033.5XX Recital** are all performance-based courses and accordingly require no new library resources. All of the other courses in the program already exist. The Libraries have indicated their support.

Recommendation

The Senate Committee on Curriculum and Course Changes recommends that the proposal of the School of Music for a Post-Baccalaureate Diploma in Performance be approved by Senate, together with the introduction of the following new courses:

Courses to be introduced:

033.518 Ensemble +3
Participation in a School of Music ensemble as is appropriate to the student's background

and/or major applied area. (To be decided by the Major Practical Study Teacher in consultation with the ensemble committee).

033.540 Major Practical Study +6

Individual instruction in the instrument area of study at the Post-Baccalaureate level.

033.556 Recital +6

Preparation and performance of a public, full-length solo recital at the Post-Baccalaureate level. The program must be approved by the applied instructor and the jury committee judging the recital.

NET CHANGE IN CREDIT HOURS:

+15

Respectfully submitted,

Professor B.L. Dronzek, Chair
Senate Committee on Curriculum and Course Changes

/jml

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses
the report to Senate.

**Report of the Senate Planning and Priorities Committee on The School of Music
Proposal to Introduce a Post-Baccalaureate Diploma in Performance.**

Preamble:

1. The terms of reference of the Senate Planning and Priorities Committee (SPPC) are found in the *Senate Handbook*, section 8.32, wherein SPPC is charged with making recommendations to Senate regarding proposed academic programs.
2. The Taxonomy of Non-Degree Programs also mandates SPPC to review and recommend to Senate on new Post-Baccalaureate Diplomas.

Observations:

1. The Diploma in Performance is modeled on the McGill University Artist Diploma, which is open to advanced students who have the Bachelor's degree, or equivalent, in Performance, and who wish to focus on performance or applied courses rather than the traditional Master's in Music with its strong academic component. No such Diploma exists in Western Canada.
2. Since the establishment of the M.Mus. in Performance in 2001, faculty positions and resources expanded to offer the traditional blend of performance and academic course offerings in the School of Music.
3. There is now a demand on the prairies for a performance program for advanced students whose skill level surpasses the undergraduate benchmark, but who do not fit into the profile for the Master's degree.
4. The program requires 30 credit hours of study after the Baccalaureate (or equivalent), of which three courses (15 ch) are required in: Major Practical Study (6 ch), Ensemble (3 ch), and Recital (6 ch). Other courses may be taken from existing courses offered by the School of Music at the 300, 400 or graduate level, or other courses approved by the student's academic advisor.
5. Three new courses are proposed at the 500 level to meet the required courses in the program. These can be taught by the existing complement of full and part time faculty in the School, since the expansion (by 4 full time faculty) associated with the introduction of the M.Mus. program. The 500-level course in Major Practical Study is dependent on the availability of a faculty member able to teach the instrument chosen by the student. The School of Music does not guarantee admission for every student qualified on every instrument, but admission will be restricted based on spaces available and instructor availability.
6. The anticipated intake of students into the program is stated to be 6 in the first year. Growth of the program will be managed according to procedures in the School's strategic plan.
7. The courses being performance-based, statements are provided from the Libraries indicating that no new library resources are required.

Recommendation:

SPPC endorses and recommends that Senate approve and recommend that the Board of Governors approve the School of Music proposal to introduce a Diploma in Performance.

Respectfully Submitted,

Juris P. Svenne, Acting Chair
Senate Planning and Priorities Committee

/jml

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the report to Senate.

Report of the Senate Committee on Admissions concerning a proposal from the Faculty of Nursing to change the admission requirements in its Bachelor of Nursing program (2003.11.10)

Preamble

The Faculty of Nursing recognizes that students in its undergraduate program work with vulnerable populations during the course of their studies. The Faculty of Nursing wishes to ensure, insofar as this is possible, that all persons admitted to the Faculty have not engaged in the kind of behaviour that would pose a risk to the clients they will work with as students in the program. Increasingly, clinical agencies are requiring such screening to occur before field placements begin. As well, the College of Registered Nurses of Manitoba (CRNM) requires all graduates of an approved nursing education program who wish to practice nursing in this province to disclose information about any conviction for an offence under the Criminal Code (Canada), the Controlled Drugs and Substances Act (Canada), or the Food and Drugs Act (Canada) in order to be considered for eligibility for registration with the College.

A criminal conviction will not necessarily result in denial of admission to the Faculty of Nursing. However, applications from persons with criminal records will be reviewed by a sub-committee of the Nursing Admissions Committee for the implications of the conviction in view of the professional mandate to protect the public.

Observations

1. A juvenile record does not constitute an adult criminal record.
2. An Official Adult Criminal Record Statement is not difficult to obtain. Winnipeg applicants can apply for such a statement at the Bureau of Police Records in the Public Safety Building. Brandon applicants can apply through the City of Brandon Police Service, and applicants outside of Winnipeg and Brandon can apply through their local RCMP office. Applications are usually processed, apparently, within ten business days. **Out-of-province and international applicants can apply through their home jurisdictions.**
3. The applicant will be responsible for both the costs associated with providing the Official Adult Criminal Record Statements and for ensuring that these Statements are submitted by the required deadline.
4. A Provincial Child Abuse Registry application can be obtained from the Child Abuse Registry Unit in Winnipeg.
5. Applicants will be required to submit the Official Adult Criminal Record Statement and Child Abuse Registry information directly to the Faculty of Nursing after being conditionally admitted and before being allowed to register for courses.

6. Failure to disclose any **existing** adult criminal record or listing on the Child Abuse Registry will invalidate an applicant's application and shall result in automatic expulsion from the Faculty of Nursing if the applicant has been admitted.
7. Any applicant listed on the Child Abuse Registry will be denied admission.
8. After admission and at any time prior to completing the program, students charged with a criminal offence or convicted of a criminal offence or listed on the Child Abuse Registry are required to report this information to the Associate Dean, Undergraduate Programs. Failure to do so may result in dismissal from the program.
9. The Faculty of Nursing has developed this policy in accordance with policies currently in effect in the Faculty of Social Work and the Faculty of Education. The Faculty of Nursing acknowledges the work and experience of these two Faculties in informing the development of this policy.

Recommendation

The Senate Committee on Admissions recommends to Senate that, effective for the September 2004 intake, all applicants to the Bachelor of Nursing program be required to:

1. submit a self-declaration, with their application for admission, indicating whether or not they have an adult criminal record or are listed on the Child Abuse Registry; and
2. submit, prior to registration in courses, an Official Adult Criminal Record Statement (including a vulnerable sector search) and Child Abuse Registry check.

Respectfully submitted,
Dr. D.R. Morphy, Chair,
Senate Committee on Admissions

Terms of reference: Senate Handbook (revised 1992), pp. 10.6-10.8

Comments of the Senate Executive Committee:
The Senate Executive Committee shall discuss
the report to Senate.

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - OCTOBER 28, 2003

Report of the Senate Committee on Awards respecting Awards - Part BPreamble

The Senate Committee on Awards (SCOA) terms of reference 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 Policy No. 419, such offers shall be submitted to Senate for approval." (Senate, April 5, 2000)

Observation

At its meeting on October 28, 2003, Senate Committee on Awards reviewed one new application that appears to be discriminatory under policy number 419 on *Non-Acceptance of Discriminatory Scholarships, Bursaries or Fellowships*. The committee received letters of support for the Human Ecology Endowment Fund Scholarship for Aboriginal Students from Dr. Gustaaf P. Sevenhuysen, Acting Dean of the Faculty of Human Ecology, and Kali Storm, Director of the Aboriginal Student Centre.

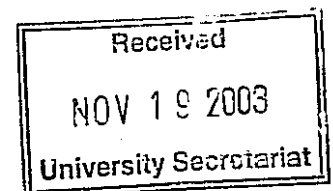
Recommendation

The Senate Committee on Awards recommends that Senate approve, and recommends that the Board of Governors approve, the Human Ecology Endowment Fund Scholarship for Aboriginal Students in Appendix "A" of the Report of the Senate Committee on Awards, Part B, dated October 28, 2003

Respectfully submitted,



Professor R. Baydack, Chair
Senate Committee on Awards



Approved by the Senate Executive Committee:

The Senate Executive Committee endorses

Date

APPENDIX "A"

HUMAN ECOLOGY ENDOWMENT FUND SCHOLARSHIP FOR ABORIGINAL STUDENTS

The Endowment Fund Committee of the Faculty of Human Ecology offers \$3,000 a year, beginning in the fall of 2003, to provide scholarships for Aboriginal students entering the Faculty. Scholarships shall have a minimum value of \$1000 and an individual scholarship shall not exceed \$1500. These scholarships shall be offered to students who:

- (1) have been newly admitted to the Faculty of Human Ecology at the University of Manitoba;
- (2) have achieved an entering cumulative grade point average of at least 3.0;
- (3) enrol as full-time students in their first year in the Faculty of Human Ecology;
- (4) are Aboriginal (Métis, Inuit, status and non-status).

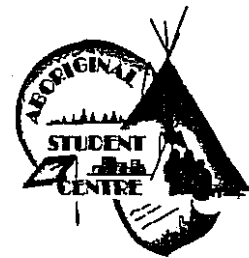
These scholarships shall be offered to the students with the highest grade point averages among those eligible. To be eligible a student must meet all the above criteria and also complete an application form, which can be obtained from the General Office, Room 209 Human Ecology Building. The application deadline is the September 30th following admission to the Faculty.



UNIVERSITY
OF MANITOBA

Aboriginal Student Centre

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537 University Centre
Winnipeg, Manitoba R3T 2N2
Telephone (204) 474-8850
Fax (204) 275-3142
Toll Free in Manitoba
1-800-432-1960 ext. 8850
asc@umanitoba.ca

October 29, 2003

Dr. Rick Baydack
Chair of the Senate Committee on Awards
C/o Ms. Diana Kaspersion
Awards Establishment Coordinator
417 University Centre

Dear Dr. Baydack & Senate Committee:

Please accept this letter as formal support for the proposed Human Ecology Endowment Fund for Aboriginal Students, which is designed to assist Aboriginal students entering the Faculty of Human Ecology.

The number of Aboriginal students attending the University of Manitoba continues to increase and, I believe, is partially due to the financial assistance made available through initiatives such as this. The Human Ecology Endowment Fund is an example of a Faculty wanting to reward a student who has done well, in addition to the recruitment factor for a very specific area of study. The number of Aboriginal students in Human Ecology is low and an introduction of a scholarship will assist those students wishing to attend but require financial assistance to do so.

I trust that the Senate committee will approve this scholarship and others like it, in the hopes of increasing the recruitment and retention of Aboriginal students in the identified area of Human Ecology.

In education, mee-gwetch!

Kali Storm, Director
Aboriginal Student Centre

* The following statistics are provided in support of the proposed Human Ecology Endowment Fund Scholarship.

- There are 150,045 Aboriginal people in Manitoba, or 11.7% of the population.
- There are 55,755 Aboriginal people in Winnipeg, or 8.4% of the population.
- There are 929 Aboriginal students who self-declared at University of Manitoba, or 4.3% of the undergraduate population.
- There are 5 self-declared Aboriginal students in the Faculty of Human Ecology, or 0.5% of the population.

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





UNIVERSITY
OF MANITOBA

Faculty of Human Ecology
Dean's Office

35 Chancellor's Circle
Winnipeg, Manitoba
Canada R3T 2N2
Phone: (204) 474-9704
Fax: (204) 474-7592

November 5, 2003

Dr. R. Baydack
Chair of the Senate Committee on Awards
c/o 417 University Centre
University of Manitoba

Dear Dr. Baydack;

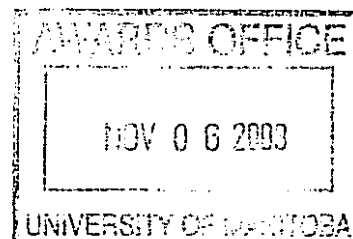
Please find below the additional information you requested on behalf of the Senate Committee on Awards.

The Faculty of Human Ecology is committed to increasing the enrolment of Aboriginal people in the undergraduate and graduate programs offered by the Faculty. Our emphasis to increase the enrolment is based on our observation that we have a low percentage of Aboriginal students currently enrolled in our programs. This does not reflect the population of Aboriginal people in the province of Manitoba. As you know, it is anticipated that in the next few years the Aboriginal people will represent 25% of the population in Manitoba.

Aboriginal students are significantly under-represented in our Faculty. This award will assist the Faculty in recruiting Aboriginal students and will encourage Aboriginal students to pursue their academic programs in the Faculty of Human Ecology. We intend to offer this award annually for 3 years with a value of \$1,000 per year. We are also undertaking other initiatives to recruit Aboriginal students. This award is a step in the right direction and we recognize that much more effort must be devoted to recruit students from the Aboriginal population.

Sincerely;

Gustaaf P. Sevenhuysen, Ph.D.
Acting Dean



Report of the Senate Committee on Instruction and Evaluation on amendments to the Voluntary Withdrawal and Limited Access and Scholastic Progress policies in the Faculty of Nursing

Preamble

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found in Section 8.26 of the *Senate Handbook* (revised 2000).

Observations

1. A proposal was received from the Faculty of Nursing to amend its Voluntary Withdrawal and Limited Access Policy. The proposed change is such that the maximum number of voluntary withdrawal hours include all courses required for the completion of the Bachelor of Nursing degree, including courses transferred in from other faculties and schools.
2. The second proposed change to the Voluntary Withdrawal and Limited Access Policy would limit students to one voluntary withdrawal per nursing course in the Faculty of Nursing. In response to a concern raised by the Senate Committee on Instruction and Evaluation, the Faculty has agreed that this new policy would be effective on an on-going basis beginning with students admitted in the 05R session, i.e., students currently registered in the Faculty of Nursing would be exempt from this policy.
3. The Faculty has also proposed that the Scholastic Progress Requirements Applicable to All Students be amended. The first change would add a section that clearly states that students who fail a clinical course will be permitted to repeat the course once, and that following a second failure in any clinical course, the student will normally be required to withdraw from the program.
4. The second proposed amendment to the Scholastic Progress Requirements Applicable to All Students is that all students enrolled in the Baccalaureate Program for Registered Nurses who have a GPA of less than 2.5 after completing 18 credit hours will be placed on probation. At the present time, this occurs after 24 credit hours.

Recommendation

The Senate Committee on Instruction and Evaluation recommends that the following policy changes be approved in the Faculty of Nursing, effective in the 05R session: (changes shown in bold)

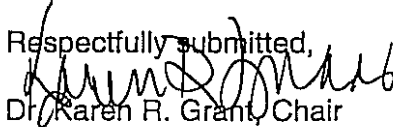
Voluntary Withdrawal and Limited Access Policy

1. The maximum number of withdrawal hours is set at 34 credit hours which would include **all courses required to complete the program** (Arts and Science and other courses transferred into the nursing program and given credit towards the B.N. program). **Students are allowed only one voluntary withdrawal per nursing course in the Faculty of Nursing.** (Applicable only to students admitted in or after the 05R academic session.)

Scholastic Progress Requirements Applicable to All Students

1.
 - a) Students will be permitted to repeat a **non-clinical** course only once following a failure. Withdrawal from the program will be required following a second failure in the same nursing course.
 - b) A student who fails a clinical course will be permitted to repeat the course once. A subsequent failure in any clinical course (including the one being repeated) will normally require a student to withdraw from the program.
2. All students enrolled in the Baccalaureate Program for Registered Nurses with a GPA under 2.5, after the completion of 18-24 credit hours, will be placed on probation. Students failing to achieve a GPA of 2.5 after the completion of their next 15 credit hours of study will be placed on academic suspension.

Respectfully submitted,


Dr. Karen R. Grant, Chair

Senate Committee on Instruction and Evaluation.

/jml

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

November 4, 2003

Report of the Senate Committee on Instruction and Evaluation on the Timeline for Appealing Final Grades

Preamble

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found in Section 8.26 of the *Senate Handbook* (revised 2000).

Observations

1. At its meeting in May 2003, Senate approved releasing grades on the web as these are submitted to the Student Records Office. At the same time, the time frame for appealing grades was changed from 21 calendar days after the release of grades to a 21 calendar day (or 15 working day) period as defined in the Academic Schedule.

Over the past few years the deadlines have been approximately:

For December finals: last week of January
 For April finals: mid June
 For June finals: first week of August
 For August finals: last week of September

2. The Student Records Office has proposed the following dates for grade appeal deadlines:

a) For Regular Session:

i) For December final results: the first 15 working days in January during which the University is open, e.g. January 5 - 23, 2004.

ii) For April final results: 15 working days beginning the first working day after Victoria Day, e.g. May 25 - June 14, 2004.

This period allows for the students to see the consequences of the grade in terms of academic evaluation as well as the grades themselves.

b) For Summer Session:

i) For the Distance Education Program: 30 working days following the end of exam period, e.g. the exam period for January to June courses is July 5 - 9, 2004, and the appeal period would be July 12 - August 20, 2004.

ii) For all other programs: 20 working days following the end of the exam period, e.g. the exam period for Intersession, first term is May 27 and 28, 2004, and the appeal period would be May 31 - June 18, 2004.

The difference between the Senate-mandated appeal period and what is suggested is to account for the time to collect marks and submit the grades to the Student Records Office and therefore to be posted on the web.

Recommendation

THAT Senate approved the following as the appeal deadlines for final grades:

For Regular Session:

- a) For December final results: the first 15 working days in January during which the University is open, e.g. January 5 - 23, 2004.
- b) For April final results: 15 working days beginning the first working day after Victoria Day, e.g. May 25 - June 14, 2004.

For Summer Session:

- a) For the Distance Education Program: 30 working days following the end of exam period, e.g. the exam period for January to June courses is July 5 - 9, 2004, and the appeal period would be July 12 - August 20, 2004.
- b) For all other programs: 20 working days following the end of the exam period, e.g. the exam period for Intersession, first term is May 27 and 28, 2004, and the appeal period would be May 31 - June 18, 2004.

Respectfully submitted,


Dr. Karen R. Grant, Chair

Senate Committee on Instruction and Evaluation.

/jml

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

November 4, 2003

Report of the Senate Committee on Instruction and Evaluation on the University 1 proposed Probation/suspension Regulations

Preamble

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found in Section 8.26 of the *Senate Handbook* (revised 2000).
2. The Committee met on November 4, 2003 to consider a proposal from University 1 to introduce probation/suspension regulations for University 1 students.

Observations

1. On November 27, 2001, the University 1 Council established a sub-committee to examine University 1 student performance assessment especially relating to Arts, Science and University 1. The purpose of the sub-committee was to review the assessment of those students who were in academic difficulty in University 1 and to consider the merit of a formal evaluation.
2. At the present time, students in University 1 are not formally assessed, although a "shadow" assessment of University 1 students is made based on the Minimum Performance Tables of the Faculties of Arts and Science. Students who, if they transited to Arts or Science would be placed on academic suspension or probation, are advised of such and encouraged to seek assistance, but no formal notation is placed on their transcript. The result of this is that some students remain in University 1 for the maximum number of credit hours (57) to avoid being assessed in Arts or Science. In so doing, it is mathematically impossible for these students to clear their probationary status upon transiting to Arts or Science.
3. The sub-committee noted that as of May, 2003, University 1 students with less than 24 credit hours and less than a 2.00 cumulative grade point average will be sent a letter in May and August advising them of their academic situation, and inviting them to seek assistance. These students will not be formally assessed; it is hoped that with early intervention, some of these students may be able to improve their grades on their next registration and avoid being placed on probation in the future.
4. The sub-committee was of the opinion that the most effective way to make sure that University 1 students are assessed and provided with an opportunity to improve is to assess them based on the Minimum Performance Table of the Faculties of Arts and Science, as most students will be transiting to one of these faculties.

Recommendation

THAT Senate approve that University 1 formally apply the Minimum Performance Table used by the Faculties of Arts and Science to assess students starting at 24 credit hours. This assessment would occur at the end of the Regular and Summer Session if registration in courses has occurred. Formal assessment will commence in the 2004-2005 Regular Session (so that this policy change can appear in the University Calendar) and until then that the current practice of advising "at risk" students will prevail, with strong encouragement to make appropriate use of university resources.

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.

November 14, 2003

Report of the *ad hoc* Committee of Election regarding the election of the Chancellor

Preamble

1. The *ad hoc* Committee of Election was established by the Board of Governors on September 23, 2003 and by the Senate on October 1, 2003.
2. The Committee met on November 10, 2003 to consider the deadlines for nominations and the date for the 2004 meeting of the Committee of Election.

Observations

1. The term of Dr. W. Norrie as Chancellor expires on May 31, 2004. Dr. Norrie has served as Chancellor for three years.
2. The *ad hoc* Committee of Election, consisting of Mr. Wayne Anderson and Mr. Terry Sargeant representing the Board of Governors, and Dean David Gregory and Mr. Shawn Alwis representing Senate, was established to:
 - a) perform the functions required under the procedures for the Committee of Election which were used for the 2001 Chancellor election (the means of receiving nominations, the methods of election and the date of election); and
 - b) recommend to the Board of Governors and Senate on any issues which require consideration prior to the meeting of the Committee of Election (including an appropriate timetable for receipt of nominations and conducting the election).
3. In addition to the recommendations below, the following documentation is appended to this report for information:
 - a) Document entitled "Election of a Chancellor for the term June 1, 2004 to May 31, 2007;
 - b) Call for Nominations; and
 - c) Nomination form.

Recommendations

THAT Senate approve the following:

1. The deadline for receipt of nominations for Chancellor by the Office of the University Secretary be 4:00 p.m., Friday, February 13, 2004; and
2. The Committee of Election meet on Wednesday, March 3, 2004 to elect a Chancellor.

Respectfully submitted,

Wayne R. Anderson, Chair
ad hoc Committee of Election

Election of a Chancellor
for the Term of June 1, 2004 to May 31, 2007

BACKGROUND:

The Chancellor is the titular head of the University and confers all degrees. The Chancellor is also a member of the Board of Governors and the Senate.

The Chancellor is elected by the Committee of Elections and serves for a three-year term. There is no limit on the number of terms a person may serve as Chancellor. Chancellor Norrie's term expires on May 31, 2004.

The Committee of Election is comprised of the members of the Board and the members of Senate. The Chair of the Board is the presiding officer. The University Secretary is the Secretary. The sole duty of the Committee of Election is to elect a Chancellor.

Prior to the expiration of the Chancellor's term of office, the Board and the Senate establish an *ad hoc* Committee of Election to oversee the procedures for election of the Chancellor.

PROCEDURES:

The procedures for nominating, electing and announcing the Chancellor are as follows:

1. Nominations:

- 1.1 Nominations for the Office of Chancellor are requested from the following constituencies within the University of Manitoba:
 - (a) members and assessors of the Board of Governors and of the Senate;
 - (b) students;
 - (c) academic staff
 - (d) support staff; and
 - (e) alumni
- 1.2 Nominations forms must be signed by any five persons eligible to nominate and the nomination forms must be received in the Office of the University Secretary no later than 4:00 p.m., Friday, [February 13, 2004].
- 1.3 Nomination forms are available on the Office of the University Secretary's web site at www.umanitoba.ca/admin/governance/forms/nominations/chancellor.pdf. Copies of the nomination form may also be requested by phone (474-9593).
- 1.4 Nomination forms must be accompanied by the curriculum vitae of the person nominated as well as a short biographical sketch of the nominee which will be provided to the *ad hoc* Committee of Election.
- 1.5 Nominations from the floor on the date of the meeting of the Committee of Election shall not be permitted.

2. Number of nominations by one person:

- 2.1 Nominators are permitted to nominate no more than one candidate each.

3. Eligibility:

- 3.1 No person who is a member of the academic or administrative staff of any University or college, or of the governing body of any University other than the University of Manitoba or of any college, is eligible to be Chancellor.

4. Names of candidates:

- 4.1 The names of all candidates whose nominations have been properly endorsed and whose names have been placed in nomination on or before [February 13, 2004], will be included on the ballot.
- 4.2 The names of the candidates shall remain confidential; curricula vitae shall be circulated at the meeting on the day of the election with the exception that eligible members of the Committee of Election may peruse the documentation in the Office of the University Secretary on the day prior to the election. Similar arrangements will be made for the Bannatyne campus. Notice of this opportunity shall be included in the notice of meeting of the Committee of Election along with a cautionary note regarding the confidentiality of the documentation and the names of the candidates.

5. Method of election:

- 5.1 The election shall be held in a closed and confidential meeting of the Committee of Election (members of the Board of Governors and of Senate) with the understanding that assessors to the Board and Senate may be present but may not vote.
- 5.2 The number of candidates to be eliminated at each stage of balloting is determined by the ad hoc Committee of the Committee of Election following the close of nominations.
- 5.3 Election will be by non-transferrable secret ballot. The Chair of the Committee of Election shall cast a sealed ballot to be opened in the event of a tie.
- 5.4 The balloting shall continue until the candidate receiving the highest number of votes receives a simple majority of the votes cast.
- 5.5 The staff of the Office of the University Secretary shall scrutineer for the election.

6. Date of election:

The meeting of the Committee of Election will be held at 1:00 p.m. on [Wednesday, March 3, 2004].

Election of a Chancellor
for the Term of June 1, 2004
to May 31, 2007

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7. Announcement:

- 7.1 A Call for Nominations for Chancellor shall be placed in the University *Bulletin* and *The Manitoban* and shall be distributed to the Alumni Association and to the media in January 2004.
- 7.2 A publicity release shall be prepared by the Director of Public Relations in consultation with the University Secretary, approved by the Chair of the *ad hoc* Committee, and distributed to the Alumni Association and to the media.
- 7.3 Upon the election of the Chancellor, the Chair of the Committee of Election is authorized to make that information available to the public.

TASKS TO BE COMPLETED:

The tasks to be completed in the election of the Chancellor for the term from June 1, 2004, to May 31, 2007, are set out as follows:

TASKS	TARGET/COMPLETED
University Secretary informs Board and Senate that the establishment of an ad hoc Committee of Elections is required. Membership consists of 2 members of the Board of Governors (normally the Chair and Vice-Chair) and 2 members from Senate.	Approved by: Board of Governors September 23, 2003 Senate October 1, 2003 Members of the ad hoc Committee are: Mr. Wayne Anderson, Mr. Terry Sargeant, Mr. Shawn Alwis and Dr. David Gregory
University Secretary calls a meeting(s) of the ad hoc Committee to review the Call for Nominations for Chancellor and the Nomination Form and set deadline date for receipt of nominations as well as recommend date of the meeting for the Committee of Election.	Meeting to be held November 10, 2003
Ad hoc Committee reports to the Board of Governors and the Senate as follows:	Board of Governors - Nov. 24, 2003 Senate, December 3, 2003
a) advises on Call for nominations for the Chancellor, nomination form, and deadline for receipt of nominations; and b) recommends on the date of the meeting for the Committee of Election. Note: Call for Nominations is placed in <u>The Manitoban</u> and <u>The Bulletin</u> soliciting nominations. The nomination advertisement reflects the duties of the Chancellor. The nomination form will require the submission of a curriculum vitae as well as a brief biographical summary for submission to the Committee of Election. Nominations for the office of Chancellor are requested from members and assessors of the Board of Governors, Senate, faculty members, students, support staff, and alumni. Nominations forms will be available at the Office of the University Secretary's web site.	January 2004
Ad hoc Committee meets to determine the number of candidates to be eliminated at each stage of balloting.	Following the close of nominations February 13, 2004 Meeting date - February 18, 2004 9:00 a.m.
The Committee of Election meets to consider the nominations (in the Senate Chambers, 245 Engineering at 1:00 p.m.).	March 3, 2004

**CALL FOR NOMINATIONS:
CHANCELLOR, UNIVERSITY OF MANITOBA
JUNE 1, 2004 - MAY 31, 2007**

The term of Dr. W. Norrie as Chancellor expires May 31, 2004. Dr. Norrie has served as Chancellor for three years. Dr. Norrie is eligible for re-election, and has stated his intention to stand for re-election.

The Chancellor is the titular head of the University. The Chancellor confers all degrees and is a member of the Board of Governors and the Senate. The term of office of the Chancellor is three years from June 1, 2004 - May 31, 2007.

Nominations for the Office of the Chancellor are requested from members and assessors of the Board of Governors and the Senate, Students, Academic Staff, and Alumni of The University of Manitoba. Nomination forms are available in the Office of the University Secretary, Room 312 Administration Building or online at www.umanitoba.ca/governance. Nomination forms must be signed by any five persons who are members of the aforementioned group and must be received in the Office of the University Secretary no later than 4:00 p.m., Friday, February 13, 2004.

Nominators may nominate only one person each. The following persons are not eligible to be Chancellor:

1. Members of the academic or administrative staff of any University or College;
2. Members of the governing body of any University other than the University of Manitoba;
3. Members of the governing body of any College.

The University of Manitoba Act provides for a Committee of Election composed of members of the Board of Governors and members of the Senate. The sole purpose of the Committee of Election is to elect a Chancellor of the University. The meeting of the Committee of Election will be held Wednesday, March 3, 2004.



DEADLINE FOR NOMINATIONS: THE FOLLOWING DOCUMENTS MUST BE RECEIVED IN THE OFFICE OF THE UNIVERSITY SECRETARY, 312 ADMINISTRATION BUILDING, FORT GARRY CAMPUS, NO LATER THEN 4:00 P.M., FRIDAY, JANUARY 30, 2004

1. SIGNED NOMINATION FORM; AND
2. CURRICULUM VITAE OF PERSON NOMINATED
3. SHORT BIOGRAPHICAL SUMMARY OF PERSON NOMINATED FOR SUBMISSION TO THE COMMITTEE OF ELECTION

TO THE COMMITTEE OF ELECTION:

We, the undersigned members and/or assessors of the Board of Governors and/or of the Senate, and/or Students, and/or Academic Staff, and/or Support Staff, and/or Alumni of the University of Manitoba, hereby nominate

_____ as a candidate for election to the Office of Chancellor of the University of Manitoba at the election to be held on Wednesday, March 3, 2004. We, the undersigned, give our assurance to the Committee of Election that the candidate has given his/her undertaking that he/she will serve if elected.

WITNESS OUR HANDS THIS _____ DAY OF _____ 2004.

SIGNED:

1.	Name [First and Last] <i>Please Print</i>	Signature	Employee#/Student#/Alumni#	Member of
2.	Name [First and Last] <i>Please Print</i>	Signature	Employee#/Student#/Alumni#	Member of
3.	Name [First and Last] <i>Please Print</i>	Signature	Employee#/Student#/Alumni#	Member of
4.	Name [First and Last] <i>Please Print</i>	Signature	Employee#/Student#/Alumni#	Member of
5.	Name [First and Last] <i>Please Print</i>	Signature	Employee#/Student#/Alumni#	Member of

NOTES:

1. Nominators are permitted to nominate no more than one candidate each.
2. In the last column of the signature portion of this form, please indicate if you are a member of the Board of Governors, the Senate, the Faculty, the Student Body, the Support Staff or the Alumni of the University of Manitoba.

This personal information is being collected under the authority of *The University of Manitoba Act*. It will be used to verify your eligibility to nominate a candidate for Chancellor. It is protected by the Protection of Privacy provisions of *The Freedom of Information and Protection of Privacy Act*. If you have any questions about the collection contact the FIPPA/PHIA Coordinator's Office (tel. 204-474-8339), University of Manitoba Archives & Special Collections, 331 Elizabeth Dafoe Library, Winnipeg, MB, R3T 2N2.