Senate Senate Chamber Room E3-262 Engineering Building WEDNESDAY, December 3, 2014 1:30 p.m.

AGENDA

I MATTERS TO BE CONSIDERED IN CLOSED SESSION

1. Report of the Senate Committee on Honorary Degrees [November 17, 2014]

The report will be distributed to members of Senate at the meeting. Documentation will be available for examination by eligible members of Senate the day preceding the Senate meeting in the Office of the University Secretary.

II MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE

1. Report of the Executive Committee of the Faculty of Graduate
Studies on Course and Curriculum Changes RE: Faculty of
Education, Université de Saint-Boniface, and Departments of
Dental Diagnostics and Surgical Sciences, Physics and
Astronomy, and Physical Therapy [October 23, 2014]

2. Report of the Senate Committee on Curriculum and Course Page 8
Changes on Course and Program Changes

III MATTERS FORWARDED FOR INFORMATION

- 1. Report of the Senate Committee on Awards Page 166
 [October 20, 2014]
- 2. Annual Report on the Operations of the International Page 169
 College of Manitoba, September 2013 to August 2014
- 3. Request for Suspension of Admissions to the Page 188

 M.Sc. in Family Social Sciences

IV REPORT OF THE PRESIDENT Page 190

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, 2014

VII BUSINESS ARISING FROM THE MINUTES - none

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

Report of the Senate Executive Committee

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| 2. | Report of the Senate Planning and Priorities Committee | |
|------------|--|----------|
| | The Chair will make an oral report of the Committee's activities. | |
| | ORTS OF OTHER COMMITTEES OF SENATE, ULTY AND SCHOOL COUNCILS | |
| 1. | Report of the Senate Committee on Instruction and Evaluation RE: Revised Regulations concerning Dean's Honour Roll, Diploma in Agriculture | Page 198 |
| 2. | Undergraduate Course Changes Beyond Nine Credit Hours RE: Department of Civil Engineering | |
| | a) Report of the Senate Committee on Curriculum and Course Changes | Page 200 |
| | b) Report of the Senate Planning and Priorities Committee | Page 201 |
| 3. | Reports of the Faculty Council of Graduate Studies on Program and Curriculum Changes | |
| | a) RE: Revised M.A. and Ph.D. in Anthropology | Page 207 |
| | b) RE: Revised Ph.D. in Chemistry | Page 212 |
| | c) RE: Revised Names for Specializations in M.Ed. in Educational Administration, Foundations and Psychology | Page 221 |
| | d) RE: Proposed Requirement for GRAD 7500 Academic Integrity Tutorial | Page 223 |
| | e) RE: Closure of Master of Mathematical, Computational and Statistical Sciences Degree Program | Page 225 |
| <u>ADD</u> | ITIONAL BUSINESS – none | |
| ADJ. | OURNMENT | |

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Please call regrets to 204-474-6892 or send to shannon.coyston@umanitoba.ca.

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

Preamble

- 1. The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
- 2. In October 2007, the Faculty of Graduate Studies approved a process of *Streamlining Course Introductions, Modifications, & Deletions* which allows the Executive Committee to approve these changes in lieu of Faculty Council when the courses are not associated with a new program or program changes.
- The Faculty of Graduate Studies Executive Committee met on the above date to consider proposals from the Faculty of Education (Université de Saint-Boniface (USB)), Dept. of Dental Diagnostics & Surgical Sciences, Dept. of Physics & Astronomy, and Dept. of Physical Therapy.

Observations

1. The <u>Faculty of Education (USB)</u> proposes the introduction of one course, *EDUA 7231 Critique social en education (3)*, to offer a topic area in which students develop the ability to critically examine the social context in which one teaches and learns. This course is also offered in English in the M.Ed. program (Fort Garry campus). The Faculty of Education (USB) also proposes a course modification in which the course description is updated to reflect the current vocabulary of technological terms.

Course Introduction

EDUA 7231 Critique sociale en éducation

3

Examen critique de l'éducation. Regard particulier sur les diverses perspectives qui remettent en question une interprétation traditionnelle de l'éducation et de la scolarisation. On ne peut se faire créditer EDUA 7231 et EDUA 7230 (129.723) et l'ancien 116.738.

<u>Course Modification</u> – no change in credit hours

EDUA 7521 Séminaire – Stage en counselling

6

(Ancien 129.752) Expérience supervisée en counselling individuel et de groupe. Analyse d'études de cas au moyen d'enregistrement sonore et vidéo. Exige un minimum de 180 heures de stage. Une note réussite ou échec sera attribuée pour ce cours. On ne peut se

faire créditer EDUA 7521 (ancient 129.752) et aucun de EDUA 7520, l'ancien 043.704. Préalable: EDUA 5481 ou EDUA 5480 (129.548) (S) et l'autorisation du professeur. Préalable our concomittant: EDUA 7550 ou EDUA 7551 ou l'ancien 129.755 (C+).

NET CREDIT HOUR CHANGE

+3

2. The <u>Dept. of Dental Diagnostics & Surgical Sciences</u> proposes the modification of one course to change the format of the course from lecture with supplementation by seminars or laboratories to seminar only.

Course Modification - no change in credit hours

DDSS 7230 Advanced Oral Pathology

3

Common and/or significant oral and paraoral disorders, relevant to various dental specialties, are discussed using a seminar format. Recognition, description, etiopathogenesis, clinical and/or radiographic features, histopathologic findings, biologic behavior and management of such conditions are emphasized.

NO CHANGE IN CREDIT HOURS

3. The <u>Dept. of Physics & Astronomy</u> proposes the introduction of two courses as many graduate and fourth year undergraduate students (especially in Astrophysics) have shown interest in these courses. Graduate students will be required to complete different assignments, midterm tests, and final exams and be expected to develop a more thorough understanding of the course material and underlying calculus.

Course Introductions

PHYS 7010 General Relativity I: A Relativistic Theory of Gravity

3

Topics include Newtonian gravity, the theory of special relativity, relativistic hydrodynamics, relativistic electrodynamics, curved space-time, tensor calculus, and Einstein's equations. This course is taught together with PHYS 4010. Students may not hold credit for both PHYS 4010 and PHYS 7010.

PHYS 7020 General Relativity II: Applications and Cosmology

3

Topics include static solutions of Einstein's equations, gravitational waves, static and dynamic models for stars, cosmology, extended and alternative theories for gravity. This course is taught together with PHYS 4020. Students may not hold credit for both PHYS 4020 and PHYS 7020. Pre-requisite: PHYS 7010.

4. The <u>Dept. of Physical Therapy</u> proposes three course deletions, three course introductions and eight course modifications. The Master of Physical Therapy, implemented in August 2012, has now been through the entire curriculum one time as the first cohort will graduate in October 2014. A number of course changes are therefore being proposed based on the department's experience over the past two years. The net result of this 25-month program is a total of 103 credit hours, revised from 102 previously.

Course Deletions

| PT 6120 | Clinical Skills for Physical Therapy Assessment | 4 |
|---------|---|---|
| PT 7130 | Applied Sciences for Physical Therapy 3 | 6 |
| PT 6190 | Clinical Education | 1 |
| PT 6222 | Clinical Skills for Physical Therapy in Neuromusculoskeletal Conditions 2 | 4 |

Course Introductions

PT 6124 Physical Therapy and Hospital Based Care

4

Through lecture, tutorial and laboratory sessions, students learn the role of physical therapy in hospital settings. Students will learn knowledge, skills and behaviours which support physical therapy assessment and treatment.

PT 7330 Applied Sciences for Physical Therapy 4

3

Through lecture, tutorial and laboratory sessions, students will learn the application of anatomy, physiology and pathology to the neurological system. Scientific and medical theoretical basis for physical therapy intervention will be covered.

PT 7230 Applied Sciences for Physical Therapy 3

3

Through lecture, tutorial and laboratory sessions, students will learn the application of anatomy, physiology and pathology to the cardiovascular and pulmonary systems. This course provides the theoretical basis for physical therapy intervention for cardiovascular and pulmonary disorders.

PT 6224 Clinical Skills for Physical Therapy in Neuromusculoskeletal Conditions 2

6

Through lecture, tutorial and laboratory sessions, students apply physical therapy assessment, diagnostic and treatment skills for lower quadrant neuromusculoskeletal conditions across the lifespan.

Course Modifications – no change in credit hours

PT 6140 Neuromusculoskeletal Anatomy for Physical Therapy

Through lecture and laboratory sessions, students learn detailed musculoskeletal anatomy of the upper and lower limbs, head, neck and trunk. Bones, joints, ligaments, muscles, nerves and vessels are included, and integration of structure and function is emphasized. Students are also introduced to the anatomy of the spinal cord and peripheral nerves.

PT 6130 Applied Sciences for Physical Therapy 1

4

3

Through lecture, tutorial and laboratory sessions, students will learn the application of exercise and pain physiology to body structure and function and how it relates to activity and participation.

PT 6100 Foundations of Physical Therapy

5

Through lecture, labs and seminars, students are introduced to the theory of physical therapy knowledge, skills, attitudes and behaviours. Course content includes conceptual frameworks, principles surrounding safe and ethical professional conduct in the current health care environment.

PT 7291 Cardiovascular and Pulmonary Clinical Education

6

A six-week experiential learning period in the clinical community, providing opportunity for students to assess and treat clients with cardiovascular and pulmonary disorders under supervision. Includes 3-4 hours of preparatory sessions prior to the placements, and 3-4 hours of follow up including debriefing group discussion and presentation of reflective journals.

PT 7292 Neurosciences Clinical Education

6

A six-week experiential learning period in the clinical community, providing opportunity for students to assess and treat clients with neurological disorders under supervision. Includes 3-4 hours of preparatory sessions prior to the placements, and 3-4 hours of follow up including debriefing group discussion and presentation of reflective journals.

PT 6250 Integrated Practice for Neuromusculoskeletal Conditions

3

Students integrate relevant information for physical therapy management of

neuromusculoskeletal conditions through problem-based learning. Case studies reflect current key indicator conditions from the Entry-to-Practice Physiotherapy Curriculum: Content Guidelines for Canadian University Programs.

PT 7400 Selectives in Advance Physical Therapy Practice

3

Of the 3 topics in which advanced physiotherapy theory and/or skills are explored with clinical applications, two topics are required: advanced manual therapy and advanced exercise assessment and prescription. Students are to select one additional topic which may include but is not limited to: sports injury management, chronic disease management and business principles.

NET CREDIT HOUR CHANGE

+1

Recommendations

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

Faculty of Education (Université de Saint-Boniface)

<u>Dept. of Dental Diagnostics & Surgical Sciences</u>

Dept. of Physics & Astronomy

Dept. of Physical Therapy

Respectfully submitted,

Dr. John (Jay) Doering, Chair Faculty of Graduate Studies Executive Committee

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<u>Comments of the Senate Executive Committee</u>: The Senate Executive Committee endorses the report to Senate.

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

Preamble:

- The terms of reference for the Senate Committee on Curriculum and Course Changes (SCCCC) are found on the website at:
 http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/497.htm.

 SCCCC is "to recommend to Senate on the introduction, modification or abolition of undergraduate programs, curricula or courses."
- 2. Since last reporting to Senate, the Senate Committee on Curriculum and Course Changes (SCCCC) met on October 9, 15, 16, 27 and 29, 2014, and, on November 7 and 24, 2014, participated in electronic polls, to consider curriculum and course changes from Faculties, Colleges, and Schools.
- 3. Proposed course deletions, introductions, and modifications, and program modifications are described in detail in the attachment to the Report.

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 SPPC for assessment of resource implications.

2. Faculty of Agricultural and Food Sciences

Agribusiness and Agricultural Economics

The department is proposing the modification of four (4) courses. The overall number of credit hours offered by the department would not change.

Plant Science

The department is proposing the deletion of two (2) courses and the modification of two (2) courses. The overall number of credit hours offered by the department would be reduced by 6 credit hours.

Faculty of Agricultural and Food Sciences

The faculty is proposing modifications to the **Bachelor of Science in Agriculture** (Agronomy).

School of Agriculture

The school is proposing modifications to the **Diploma in Agriculture - Business Management Option**.

2. Faculty of Arts

Asian Studies

The program is proposing the introduction of one (1) course. The overall number of credit hours of course offerings would increase by 3.0 credit hours.

The program is proposing modifications to List A Courses Acceptable for Asian Studies Credit. The changes relate to the following programs:

- Bachelor of Arts (General Major) in Asian Studies
- Minor (Concentration) in Asian Studies

Canadian Studies

The program is proposing program modifications to the:

- Bachelor Arts (Single Honours) in Canadian Studies
- Program Notes
- List of Approved Courses in Canadian Studies

Catholic Studies

The program is proposing the introduction of two (2) courses. The overall number of credit hours of course offerings would increase by 6.0 credit hours.

The program is proposing program modifications to the **Minor (Concentration) in Catholic Studies** involving changes to the List of Approved Courses in Catholic Studies.

Central and East European Studies

The program is proposing program modifications to the following:

- Bachelor of Arts (General Major) in Central and East European Studies
- Bachelor of Arts (Single Advanced Major) in Central and East European Studies
- Bachelor of Arts (Double Honours) in Central and East European Studies
- Minor (Concentration) in Central and East European Studies
- Program Notes
- List of Approved Courses in Central and East European Studies

Program proposal: Bachelor of Arts (Double Advanced Major) in Central and East European Studies

The program is proposing to introduce a Bachelor of Arts (Double Advanced Major) in Central and East European Studies. The program is being introduced to accommodate

students who wish to acquire expertise in more than one field of studies at an advanced level. Students would be required to complete 42 credit hours of course work, including: Year 1 – 6 credit hours in a language, at the 1000- or 2000- level, in Russian, German, Ukrainian, Polish, Hungarian, or Yiddish, plus 6 credit hours from the List of Approved Courses in Central and East European Studies; Years 2, 3, and 4 – 24 credit hours from the same list, of which at least 12 credit hours must be taken in two subject fields, plus 6 credit hours from the same list or from language courses, as noted for Year 1, at the 1000-, 2000-, or 3000- level, in Russian, German, Ukrainian, Polish, Hungarian, or Yiddish.

Classics

The department is proposing the introduction of one (1) course and the modification of two (2) courses. The overall number of credit hours of course offerings would increase by 3.0 credit hours.

The department is proposing program modifications to List A - Approved List of Courses Offered by Other Departments Acceptable for Credit in Major/Minor (Concentration) in Classical Studies, which applies to the following programs:

- Bachelor of Arts (General Major) in Classics
- Bachelor of Arts (Single Advanced Major) in Classics
- Minor (Concentration) in Classics

Economics

The department is proposing the deletion of twenty (20) courses, the introduction of sixteen (16) courses, and the modification of fourteen (14) courses. The overall number of credit hours of course offerings would decrease by 24.0 credit hours.

The department is proposing program modifications to the following programs:

- Bachelor of Arts (General Major) in Economics
- Bachelor of Arts (Single Advanced Major) in Economics
- Bachelor of Arts (Single Honours) in Economics
- Bachelor of Arts (Double Honours) in Economics
- Minor (Concentration) in Economics
- Program Notes

English, Film, and Theatre

The department is proposing the modification of one (1) course. The overall number of credit hours in course offerings would be unchanged.

The department is proposing program modifications to the Program Notes, which relate to the following programs:

- Bachelor of Arts (General Major) in English
- Bachelor of Arts (Single Advanced Major) in English
- Bachelor of Arts (Double Advanced Major) in English
- Bachelor of Arts (Single Honours) in English
- Bachelor of Arts (Double Honours) in English

French, Spanish and Italian

The department is proposing program modifications to the following:

- Bachelor of Arts (Single Honours) in French
- Program Notes for Bachelor of Arts (Single Honours) in French
- List A, courses eligible for credit in Italian Studies, which relate to the following programs:
 - Bachelor of Arts (General Major) in Italian Studies
 - Bachelor of Arts (Single Advanced Major) in Italian Studies

German and Slavic Studies

The department is proposing the deletion of two (2) courses, the introduction of four (4) courses, and the modification of forty-eight (48) courses. The overall number of credit hours of course offerings would increase by 6.0 credit hours.

The department is proposing several program modifications, including a proposal to categorize German courses as follows: Category A - Language Courses; Category B – Literature, Culture, and Applied Linguistics courses conducted in German; Category C - Literature, Culture, and Applied Linguistics courses conducted in English. This, and other proposed program modifications, relate to the following:

- Bachelor of Arts (General Major) in German
- Bachelor of Arts (Single Honours) in German
- Bachelor of Arts (Double Honours) in German
- Program Notes

The department is proposing program modifications to the following:

- Bachelor of Arts (General Major) in Russian
- Minor (Concentration) in Russian
- **Program Notes** for Russian programs
- List A: Courses Acceptable for Russian Credit introduced for the Russian programs noted above.
- Bachelor of Arts (General Major) in Ukrainian
- Minor (Concentration) in Ukrainian
- Program Notes for Ukrainian programs
- Minor (Concentration) in Polish
- Program Notes for the Minor (Concentration) in Polish

Global Political Economy

The program is proposing the introduction of two (2) courses. The overall number of credit hours of course offerings would increase by 6.0 credit hours.

The program is proposing program modifications to the:

- Bachelor Arts (General Major) in Global Political Economy
- Bachelor Arts (Single Advanced Major) in Global Political Economy

Other program modifications involve the:

deletion of the List of Electives

- introduction of List A List of Courses for Global Political Economy
- introduction of Program Notes to identify suggested electives for students in the General Major program and to recommend that electives be used to take prerequisites for upper level required courses in Anthropology, Political Studies, and Sociology

<u>History</u>

The department is proposing the deletion of five (5) courses, the introduction of four (4) courses, and the modification of one (1) course. The overall number of credit hours of course offerings would not change.

The department is proposing program modifications to the:

- Bachelor Arts (Single Honours) in History
- Bachelor Arts (Double Honours) in History
- Program Notes
- Title of Area R changed from "African" to "Africa and the Middle East"

Icelandic

The program is proposing program modifications to the:

- Bachelor Arts (Single Honours) in Icelandic
- Bachelor of Arts (Double Honours) in Icelandic
- Program Notes

Labour Studies

The program is proposing the modification of three (3) courses. The overall number of credit hours of course offerings would not change.

The program is proposing modifications to the List of Electives for Labour Studies.

Latin American Studies

The program is proposing a program modification to the **Minor (Concentration) in Latin American Studies**, involving changes to the list of courses eligible for the Minor.

Medieval and Renaissance Studies

The program is proposing to change the program name <u>from</u>: Medieval and Renaissance Studies <u>to</u>: **Medieval and Early Modern Studies**. The proposed name reflects the interdisciplinary nature of the program and is more representative of contemporary scholarship and notions of periodization.

The program is proposing a number of program modification. The program is proposing to introduce two course lists, Group 1: History, Philosophy and Religions and Group 2: Literatures, Art and Architectural History, Music and Languages. These, and other proposed program modifications, relate to the following programs:

Bachelor of Arts (General Major) in Medieval and Early Modern Studies

- Bachelor of Arts (Single Advanced Major) in Medieval and Early Modern Studies
- Minor (Concentration) in Medieval and Early Modern Studies

The program is also proposing to add Program Notes, including a note encouraging students to complete introductory courses that would be prerequisites to courses they might select in Years 2, 3, or 4 of the program.

Philosophy

The department is proposing program modifications to the:

- Bachelor Arts (Single Honours) in Philosophy
- Program Notes

Political Studies

The department is proposing program modifications to the:

- Bachelor of Arts (Single Honours) in Political Studies
- Program Notes

Religion

The department is proposing the deletion of two (2) courses, the introduction of three (3) courses, and the modification of eighty-three (83) courses. The overall number of credit hours of course offerings would increase by 3.0 credit hours.

The department is proposing program modifications to the following programs:

- Bachelor of Arts (General Major) in Religion
- Bachelor of Arts (Single Advanced Major) in Religion
- Bachelor of Arts (Single Honours) in Religion
- Bachelor of Arts (Double Honours) in Religion

In particular, in restructuring the programs, the following three areas of study, which are outdated, would be deleted: A: Western Religious Traditions; B: World Religions; and C: Religion and Culture. The revised curricula would instead require that students complete courses related to at least two of the following religious traditions: Buddhism, Christianity, Hinduism, Islam, and Judaism.

Under the modified curricula for the General Major and Single Advanced Major programs, students would be restricted to a maximum of 12 credit hours of 1000- level Religion courses.

The revised Single Honours and Double Honours programs would include 12 credit hours of free options. The total number of credit hours required to complete the program would increase <u>from</u>: 108 <u>to</u>: 120 credit hours. The change is to be made so the curriculum for the program conforms to the new 120 credit hour standard for Honours programs in the Faculty of Arts.

Proposed modifications to the Program Notes follow from the deletion of the three areas of study noted above and identify courses that satisfy the areas of religious study listed above. The revised notes would clarify the distinction drawn between ancillary and free options.

Ukrainian Canadian Heritage Studies

The program is proposing modifications to List B and List C, to reflect modified course titles proposed for Religion courses. Modifications to the lists relate to the following programs:

- Bachelor of Arts (General Major) in Ukrainian Canadian Heritage Studies
- Bachelor of Arts (Single Advanced Major) in Ukrainian Canadian Heritage Studies
- Minor (Concentration) in Ukrainian Canadian Heritage Studies

Women's and Gender Studies

The program is proposing the introduction of one (1) course. The overall number of credit hours of course offerings would increase by 3.0 credit hours.

The program is proposing program modifications to the following:

- Bachelor of Arts (Single Honours) in Women's and Gender Studies
- Program Notes
- List A

4. Faculty of Engineering

Biosystems Engineering

The department is proposing the deletion of one (1) course and the introduction of three (3) courses. The overall number of credit hours offered by the department would increase by 9 credit hours.

Civil Engineering

Course introductions and program modifications proposed by the department are outlined in the Report of the Senate Committee on Curriculum and Course Changes, Part B – Submitted to Senate for Ordinary Debate [dated, October 29, 2014; Senate, December 3, 2014].

Electrical and Computer Engineering

The department is proposing the modification of one (1) course. The overall number of credit hours offered by the department would not change.

5. Faculty of Human Ecology

General Human Ecology

The Faculty is proposing modifications to the **Bachelor of Human Ecology** program.

Family Social Sciences

The department is proposing the deletion of two (2) courses, the introduction of three (3) courses, and the modification of five (5) courses. The overall number of credit hours offered by the department would increase by 3 credit hours.

The department is proposing program modifications to the following programs:

- Bachelor of Human Ecology in Family Social Sciences
- Bachelor of Human Ecology After Degree in Family Social Sciences
- Bachelor of Human Ecology in Family Social Sciences, Social Development Option

6. **Faculty of Law**

The faculty is proposing the deletion of four (4) courses, the introduction of three (3) courses, and the modification of two (2) courses. There would be no change to the overall number of credit hours in course offerings.

7. College of Nursing

The college is proposing the introduction of ten (10) courses. The overall number of credit hours offered by the college would increase by 30 credit hours. Once the revised Bachelor of Nursing curriculum is fully implemented, however, corresponding courses from the previous curriculum would be deleted and would result in an overall increase of only 3 credit hours.

The college is proposing modifications to Year 3 of the **Bachelor of Nursing program**, to take effect September 2016. The changes are the second phase of a comprehensive curriculum review. Changes to Year 2 of the curriculum were approved by Senate on May 15, 2014, and can be found in the agenda for that meeting. Changes to Year 4 of the program will be submitted at a later date. Course deletions will be submitted when students in the current program have completed the courses.

A plan for bridging delayed students from the current to the revised curriculum was provided to Senate on May 15, 2014, and can be found in the agenda for that meeting.

8. Faculty of Science

Biological Sciences

The department is proposing the deletion of two (2) courses, the introduction of two (2) courses, and the modification of five (5) courses. There would be no change to the overall number of credit hours in course offerings.

The department is proposing program modifications to the following programs, which involve modifications to List A:

 Bachelor of Science (Major) in Biological Sciences – Evolution and Biodiversity Theme Bachelor of Science (Honours) Biological Sciences – Evolution and Biodiversity Theme

The department is proposing program modifications to the following programs:

- Bachelor of Science (Major) in Biological Sciences Cell, Molecular and Developmental Theme
- Bachelor of Science (Honours) in Biological Sciences Cell, Molecular and Developmental Theme

Chemistry

The department is proposing the deletion of one (1) course, the introduction of two (2) courses, and the modification of one (1) course. The overall number of credit hours in course offerings will increase by 6.0 credit hours.

The department is proposing program modifications to the following programs:

- Bachelor of Science (Honours) in Chemistry
- Bachelor of Science (Major) in Chemistry

The department is proposing to introduce a new concentration or **Chemistry Focus Area in Inorganic Chemistry**.

Computer Science

The department is proposing the deletion of three (3) courses, the introduction of two (2) courses, and the modification of two (2) courses. The overall number of credit hours in course offerings will be decreased by 3.0 credit hours.

The department is proposing program modifications to the following:

- Bachelor of Computer Science (Major)
- Bachelor of Computer Science (Honours)
- Software Engineering Specialization
- Networks and Security Specialization

Microbiology

The department is proposing the modification of two (2) courses. The overall number of credit hours in course offerings is unchanged.

The department is proposing modifications to the following programs, which involves modifications to the Option List for All Microbiology Programs:

- Bachelor of Science (Honours) in Microbiology
- Bachelor of Science (Honours) in Microbiology, Cooperative Option
- Bachelor of Science (Major) in Microbiology
- Bachelor of Science (Major) in Microbiology, Cooperative Option

Physics and Astronomy

The department is proposing the introduction of two (2) courses. The overall number of credit hours in course offerings will increase by 6.0 credit hours.

Statistics

The department is proposing the deletion of one (1) course. The overall number of credit hours in course offerings will be reduced by 3.0 credit hours.

9. <u>Université de Saint-Boniface</u>

The Université is proposing the modification of one (1) course.

Recommendation

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

Agricultural and Food Sciences

Faculty of Arts

 Program proposal: Double Advanced Major in Central and East European Studies

Faculty of Engineering

Faculty of Human Ecology

Faculty of Law

College of Nursing

Faculty of Science

Program proposal: Chemistry Focus Area in Inorganic Chemistry

Université de Saint-Boniface

Respectfully submitted,

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

Faculty of Agricultural and Food Sciences

Agribusiness and Agricultural Economics

Modifications:

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

ABIZ 2510 Introduction to Agricultural and Food Marketing Cr.Hrs. 3 0.0 (Formerly 061.251) Economic principles and institutions involved in the Canadian agricultural and food marketing system. Farm and Agribusiness applications. Prerequisite: [A grade of "C" or better in ECON 1010 or ECON 1011 or the former ECON 1200 (018.120) or the former ECON 1201 (018.120)] or [a grade of "C" or better in both ECON 1210 (or ECON 1211 or the former 018.121) and ECON 1220 (or ECON 1221 or the former 018.122)].

ABIZ 3120 Commodity Futures Markets Cr.Hrs. 3 0.0 (Formerly 061.312) Theory and economic functions of commodity markets including futures and options markets. The roles of the various participants; the determination of inter-temporal prices and various aspects of hedging will be studied. Prerequisite: [A grade of "C" or better in ECON 1010 or ECON 1011 or the former ECON 1200 (018.120) or the former ECON 1201 (018.120)] or [a grade of "C" or better in both ECON 1210 (or ECON 1211 or the former 018.121) and ECON 1220 (or ECON 1221 or the former 018.122)] and STAT 2000 (or 005.200).

ABIZ 3540 Financial Risk Management Cr.Hrs. 3 0.0 (Formerly 061.354) Risk expected returns and valuation of capital; capital budgeting and dealing with risk; derivative securities and financial risk management; agricultural production and management of risk; agricultural risk management and public policy. Prerequisites: STAT 1000 (or 005.100) and [ABIZ 1000 (or 061.100) or 061.250 or ABIZ 2510 (or 061.251)].

NET CHANGE IN CREDIT HOURS: 0.0

Plant Science

Deletions:

PLNT 3370 Environmental Horticulture Cr.Hrs. 3 -3.0
PLNT 3530 Horticultural Food Crops Cr.Hrs. 3 -3.0

Modifications:

PLNT 4550 Developmental Plant Biology Cr.Hrs. 3

0.0

(Formerly 039.455) An introduction to mechanisms regulating morphogenesis and plant growth and development. Emphasis will be on experimental approaches used to investigate pattern formation at sub cellular, 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. Prerequisite: PLNT 3400 or BIOL 3400 or the former PLNT 3500 (or 039.350).

PLNT 4590 Physiology of Crop Plants Cr.Hrs. 3

0.0

Concepts dealing with the physiological response of crop plants to the environment from the time of seed germination through to reproduction. Students may not hold for credit with the former 039.452. Prerequisite: PLNT 3400 (or the former PLNT 3500) or BIOL 3400 (or the former BIOL 3450) or consent of instructor.

NET CHANGE IN CREDIT HOURS: -6.0

Faculty of Agricultural and Food Sciences

Program modification:

Modifications to the **Bachelor of Science in Agriculture (Agronomy)** program are set out in the next two pages.

Proposed Changes for Group 3 and 4 Restricted Electives in the Bachelor of Science in Agriculture Agronomy Program

Proposal to Expand Group 3 (Soil Science) Restricted Electives: To allow students to take any 3000 or 4000 level course (3 credit hours) from Soil Science, in addition to those courses that are already part of the Agronomy Core (agronomy core soils courses include SOIL 3600, SOIL 4520, and SOIL 4510). This approach is similar to that used for the Soil Science restricted electives in the Agroecology program. This also would be less restrictive and allow student more choices.

Currently, Agronomy students are required to select at least one course within the following group of restricted electives (Group 3):

| SOIL 3060 | Introduction to Agrometeorology (3) |
|-----------|-------------------------------------|
| SOIL 4060 | Physical Properties of Soils (3) |
| SOIL 4400 | Soil Ecology (3) |
| SOIL 4130 | Soil Chemistry and Mineralogy (3) |

This modification would expand the group of courses that Agronomy students could select from, to include additional courses such as:

| SOIL 3520 | Pesticides, Environment, Economics, and Ethics (3) |
|-----------|--|
| SOIL 3610 | Field Methods in Land Resource Science (3) |
| SOIL 4500 | Remediation of Contaminated Land (3) |

The proposed wording in Agronomy Program's Restricted Electives section of the General Calendar would be as follows:

Group 3

One 3000 or 4000 level course (3 credit hours) from SOIL (Soil Science), in addition to those courses that are already part of the Agronomy Core.

Total credit hours 3

Proposal to Expand Group 4 (Biosystems Engineering) Restricted Electives: Addition of BIOE 2222 - Precision Agriculture Concepts and Applications to the Group 4 restricted electives in the Agronomy Major.

In the current version of the Agronomy Major, students are required to complete at least one course within the following group of restricted electives (Group 4):

BIOE 2090 Machinery for Agricultural Production

BIOE 4500 Water Management

BIOE 4520 Crop Preservation and Handling

GEOG 2250 Introduction to Geographic Information Systems

Given the importance of precision agriculture technology and practices for modern field crop production and the challenges for Agronomy students to access an appropriate range of Biosystems Engineering courses within their program, the Agronomy Program Committee proposes to add the Biosystems Engineering course in precision agriculture (BIOE 2222) to this group of restricted electives.

The calendar description for this course is as follows:

BIOE 2222 - Precision Agriculture Concepts and Applications (Credit Hours 4) - Precision agriculture is a philosophy of agricultural management that has been enabled by modern technology. This course examines the technology and the techniques of precision agriculture including GPS, GIS, variable rate technologies, and yield monitoring that can be used to improve the efficiency of agricultural operations by decreasing costs, increasing profits, and decreasing hazards to the environment.

School of Agriculture

Program modification:

Modifications to the **Diploma in Agriculture – Business Management Option** are outlined on the next page.

Diploma in Agriculture - Business Management Option Changes

Background

Currently three courses are required for all students in the Business Management Option: ABIZ 0680 Agribusiness Management, ABIZ 0690 Agricultural Finance and Credit and ABIZ 0720 Farm Business Management. Two of these courses (Agribusiness Management and Farm Business Management) require students to complete a business plan. In addition all students in the program must complete a business plan for the course DAGR 0690 Management Planning Project 2. It is being recommended that ABIZ 0680 Agribusiness Management no longer be required for all students in this option.

Students in the Business Management Option are currently required to complete one of the following two courses: ABIZ 0710 Agricultural Policy and ABIZ 0730 Financial Risk Management. It is being recommended that ABIZ 0680 Agribusiness Management be added to this group of courses and that students be required to complete two (not one) of the courses from this group.

Deleted material

Added material

Business Management Option

This option offers a more in-depth education in business management to those people who intend to manage farms or work as employees, managers and/or business owners in the agricultural service sector (agricultural lending, fertilizer, feed and chemical sales, etc.).

Prescribed Courses for Business Management Option

| Course No. | Course Name | Credit Hours | |
|---|---|--------------|--|
| ABIZ 0680 | Agribusiness Management | 4 | |
| ABIZ 0720 | ABIZ 0720 Farm Business Management | | |
| DAGR 0730 | Case Studies and Institutional Lending 1 | 4 | |
| Plus at least two of the | he following: | | |
| ABIZ 0680 | Agribusiness Management | <u>4</u> | |
| ABIZ 0710 | Agricultural Policy | 3 | |
| ABIZ 0730 | Financial Risk Management | 3 | |
| Plus one Biosystems | Engineering course: | | |
| BIOE 0400 | Farm Power | 4 | |
| BIOE 0710 | Materials Handling and Electrical Controls | 3 | |
| BIOE 0690 | Water Management | 4 | |
| BIOE 0700 | Agricultural Buildings and Environment | 4 | |
| Total prescribed credit hours, within option: 18-19 | | | |
| Plus 22-23 credit hou | urs of electives, to complete 93 credit hours within the program. | | |

Faculty of Arts

Asian Studies

Introductions:

ASIA 3780 Advanced Reading in Japanese Cr.Hrs. 3

+3.0

This course allows students to further develop their skills in the Japanese language through a focus on reading. Course material will be drawn from examples of modern literature and film scripts. Prerequisite: [a grade of "C" or better in ASIA 3770 (150.377)] or written consent of instructor.

NET CHANGE IN CREDIT HOURS: +3.0

Program modification:

Modifications to List A – Courses Acceptable for Asian Studies Credit are outlined on the pages that follow.

Asian Studies

- Modification of List A

Added material

Deleted material

| List A | Courses Acceptable for Asian Stu | dies | | related] | |
|------------------------------|--|------------|--------------------|--|---|
| Course No | Credit | - 414 11 | History | Asias Christians (Carron as the Carron | |
| Course No. Faculty of Art | | edit Hours | HIST 1410* | Asian Civilizations (Same as the former | 6 |
| | | | LITCT 1420 | 150.141) | |
| Anthropology ANTH 2450 | | 3 | HIST 1420 | Asian Civilizations to 1500 (Same as | 3 |
| | Ethnology of China s Asian Languages | 3 | HICT 1420 | ASIA 1420) | _ |
| ASIA 1750 | | 6 | HIST 1430 | Asian Civilizations from 1500 (Same as | 3 |
| ASIA 1750 ASIA 1760 | Introduction to Korean | 6 | HIST 2050 | ASIA 1430) | - |
| ASIA 1770 | Introduction to Chinese (Mandarin) | 6 | HIST 2130 | South Asia Since 1947 | 3 |
| ASIA 1770 ASIA 1780 | Introduction to Japanese Basic Sanskrit | | H151 2130 | Emergence of Modern South Asia: 1757- | 3 |
| ASIA 1780 ASIA 1790 | Basic Hindi-Urdu | 6 6 | HIST 2410 | 1947 | |
| ASIA 1790 ASIA 2340* | | 3 | | History of India | 6 |
| MSIM 2340* | Special Studies in Epic and Pauranic | 3 | HIST 2650 | Modern China and Japan | 6 |
| ACTA 2250* | Sanskrit 1 | 2 | HIST 2654 | History of the People's Republic of China, | 3 |
| ASIA 2350* | Special Studies in Epic and Pauranic | 3 | LITCT 2000 | 1949-Present | _ |
| ASIA 2360* | Sanskrit 2 | | HIST 3090 | Studies in Asian History | 3 |
| | Mandarin Comprehension | 6 | HIST 3580 | Topics in Recent World History 1 | 3 |
| ASIA 2750 | Intermediate Korean | 6 | | [Acceptable for credit only when the | |
| ASIA 2760 ASIA 2770 | Intermediate Chinese (Mandarin) | 6 6 | LUCT DOCOT | topic is Asia related] | _ |
| ASIA 2770 ASIA 2780 | Intermediate Japanese Intermediate Sanskrit | 6 | HIST 3960* | China, 1911 to the Present | 3 |
| ASIA 2790* | Intermediate Sanskrit Intermediate Hindi-Urdu | 6 | HIST 3980 | Nationalism on the Indian Sub-Continent | 3 |
| ASIA 3660* | Advanced Mandarin Comprehension | | LITCT 4070 | in the Twentieth Century | |
| ASIA 3750 | | 6 6 | HIST 4070 | Issues in Modern Asian History 1: | 3 |
| ASIA 3760 | Advanced Korean | 6 | HTCT 4000* | Selected Topics (M,B) | |
| ASIA 3700 ASIA 3770 | Advanced Chinese (Mandarin) | 6 | HIST 4080 <u>*</u> | Issues in Modern Asian History 2: | 3 |
| ASIA 3770 | Advanced Japanese Advanced Reading in Japanese | 3 | HIST 4200* | Selected Topics (M,B) | 3 |
| ASIA 3780* | Advanced Hindi-Urdu | <u>3</u> | H151 4200* | Modern South Asia: Colonialism, | 3 |
| ASIA 3790 | Linguistic Analysis of Japanese | 3 | HIST 4940* | Nationalism, and Modernization | 6 |
| | Other Asian courses | 3 | H151 4940" | Revolutionary China: A Century of | 0 |
| ASIA 1420 | Asian Civilizations to 1500 (Same as | 3 | Political Stud | Upheaval, 1870 to Present | |
| A31A 1420 | HIST 1420) | 3 | POLS 2020* | Asian Politics | 6 |
| ASIA 1430 | Asian Civilizations from 1500 (Same | as 3 | Religion | ASIGN POILLICS | О |
| A31A 1430 | HIST 1430) | 35 3 | RLGN 1320 | Introduction to World Religions | 6 |
| ASIA 2070* | South Asian Civilization | 6 | RLGN 1321* | Introduction to World Religions Introduction aux religion du monde | 6 |
| ASIA 2080 | South Asian Civilization | 3 | RLGN 1321 | Introduction adx religion ad monde Introduction to Hinduism-(B) | 3 |
| ASIA 2570 | History, Culture and Society in Chine | | RLGN 2020 | Introduction to Buddhism-(B) | 3 |
| MOIN EDIO | Film | , , | RLGN 2540* | Modern Movements in World Religions | 6 |
| ASIA 2580 | Women in Chinese Film | 3 | RLGN 2570 | Indian Religious Art and Architecture | 3 |
| ASIA 2600 | Japanese Film | 3 | RLGN 2700 | Religions of China and Japan | 3 |
| ASIA 2610 | Modern Chinese Literature in Translat | | RLGN 3150 | Buddhism in East Asia-(B) | 3 |
| ASIA 2620 | Japanese Civilization | 3 | RLGN 3160 | Tibetan Religious Traditions-(B) | 3 |
| ASIA 2630 | Chinese Civilization | 3 | RLGN 3210 | Indian Philosophy (B) | 3 |
| ASIA 2650 | Premodern Chinese Literature in | 3 | RLGN 3220 | Indian Religion and Society-(C) | 3 |
| ASIA 2000 | Translation | 3 | RLGN 3260 | Indian Buddhism-(B) | 3 |
| ASIA 2660* | Modern Chinese Literature in Translat | ion 6 | RLGN 3266 | Readings in Buddhist Texts-(B) | 3 |
| ASIA 2662 | Chinese Diaspora Literature | 3 | RLGN 3270 | Guru and Disciple (B) | 3 |
| ASIA 2670 | Modern Japanese Literature in | 3 | RLGN 3750 | Topics in Indian Religious Art and | 3 |
| | Translation | • | REGIT 5750 | Architecture | , |
| ASIA 3480 | Selected Topics in Asian Studies 1 | 3 | RLGN 4060 | The Yoga Tradition-(B) | 3 |
| ASIA 3490 | Selected Topics in Asian Studies 2 | 3 | RLGN 4100 | Advanced Studies in Buddhism-(B) | 3 |
| ASIA 3520 | The Japanese Theatre | 3 | RLGN 4190 | Advanced Studies in Hinduism-(B) | 3 |
| ASIA 3560 | Themes and Genres in Asian Literatur | | 020.266* | Religions of Indian Origin | 6 |
| ASIA 3600 | Japanese Popular Culture | 3 | 020.374* | Studies in Asian Religions | 6 |
| ASIA 3650* | Masterpieces of Asian Literature | 6 | 020.441* | Masters of Spiritual Life | 6 |
| 150.141* | Asian Civilizations (Same as HIST 14: | | 020.445* | Topics in Comparative Religion | 6 |
| 150.211* | East Asian Civilization | 6 | Sociology | . op. comparative itengion | • |
| English, Film, | | • | SOC 3690* | Sociology of the Developing Societies | 3 |
| FILM 2380 | The International Cinema 1 [Acceptat | ole 3 | School of Art | | - |
| | for credit only when the topic is Asia | - | FAAH 2100* | Survey of Asian Art | 3 |
| | related] | | FAAH 3230 | Chinese Art and Architecture | 3 |
| FILM 2390 | The International Cinema 2 [Acceptat | ole 3 | FAAH 3240 | Japanese Art and Architecture | 3 |
| | for credit only when the topic is Asia | | FAAH 3590 | Islamic Art and Architecture | 3 |
| | | | | | |

Clayton H. Riddell Faculty of Environment, Earth, and Resources
Geography
GEOG 2490*
GEOG 3590 Geography of Developing Countries
* Indicates course no longer offered.

Canadian Studies

Program modifications:

Modifications to the following are outlined on the next pages:

- Bachelor Arts (Single Honours) in Canadian Studies
- Program Notes
- List of Approved Courses in Canadian Studies

Canadian Studies

- Modification of Single Honours and Program Notes
- Modification of List of Approved Courses in Canadian Studies

Added material

Deleted material

8.3.1 Program Information

Single Honours

Single Honours will consist of:

- 1) 54 credit hours from the list of approved courses in Canadian Studies, to be taken in the three Honours years, of which a maximum of 24 credit hours and minimum of 12 credit hours must be taken in any one department. At least 24 credit hours must be taken in courses designated as Honours courses. One of these may be a 4000-level interdisciplinary Honours seminar in Canadian Studies.
- 2) The minimum total credit hours that students must hold in order to complete an Honours program in Canadian Studies are 30 in Year 1; 30 in Year 2; 24-30 in Year 3; and 24-30 in Year 4.

8.3.2 Canadian Studies

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | | | |
|---|--|---|--|--|--|--|
| SINGLE HONOURS ³ | | | | | | |
| 6 credit hours in courses numbered at the 1000 or 2000 level from the list of approved courses in Canadian Studies | 18 credit hours from the list of approved courses in Canadian Studies (6 credit hours are required in three subject fields) 12 credit hours in ancillary options ⁴ | 18 credit hours from the list of approved courses in Canadian Studies, of which at least 6 hours must be in an Honours course 6 credit hours in ancillary options 6 credit hours in free options | 18 credit hours from the list of approved Honours courses in Canadian Studies 6 credit hours in ancillary options ⁴ 6 credit hours in | | | |
| | | | free options ⁵ | | | |

NOTES:

- ¹A Major consists of 30 credit hours, chosen from the list of approved courses in Canadian Studies, of which 6 credit hours must be taken from courses numbered at the 3000 level and 12 credit hours, but no more, must be taken in one department on the list. A maximum of 12 credit hours in courses numbered at the 1000 level may be used toward the 30 credit hour Major.
- ² A Minor (Concentration) consists of 18 credit hours including at least 6 credit hours from each of two departments, chosen from the list of approved courses in Canadian Studies. A maximum of 6 credit hours in courses numbered at the 1000 level may be used toward the 18 credit hour Minor.
- ³ Honours Courses: all 4000 level courses.
- ⁴ Ancillary options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding Canadian Studies courses).
- ⁵ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including Canadian Studies courses).

| List of Approve | d Courses in Canadian Studies | | FRAN 3851 | Le théâtre de l'Ouest: poésie, nouvelles (USB) | 3 |
|--|---|--------|------------------------|--|----------|
| | | | FRAN 3861 | Le théâtre de l'Ouest: romans (USB) | 3 |
| | ist of approved courses the designation ours course. Courses designated (USE) | | FRAN 4831 | Littérature de l'Acadie et des Cajuns (USB) | |
| offered in French at Université de Saint-Boniface. | | | French, Spanish | | |
| | | | FREN 2700 | Poésie et théâtre canadiens-français (B) | 3 |
| * In the list belo | w indicates courses no longer offered. | | FREN 3140 | Roman canadien-français (B) | 3 |
| | | | FREN 3850 | Civilisation canadienne-française (C) | - |
| Faculty of Arts | | | 044.247* | French-Canadian Literature in | 6 |
| Canadian Studies | 5 | | 044.247 | Translation | • |
| CDN 1130 | Introduction to Canadian Studies | 6 | 044.348* | Littérature canadienne-française (H) | 3 |
| CDN 3730 | Canadian Identity: An | 3 | 044.353* | Littérature canadienne-française (B) | 3 |
| | Interdisciplinary Approach | _ | History | | _ |
| CDN 4410 | Seminar in Canadian Studies (H) | 6 | HIST 1390 | History of Colonial Canada: 1500- | 3 |
| Anthropology ANTH 2040 | Native North America: A | 3 | HIST 1400 | 1885 (C) History of the Canadian Nation Since | 3 |
| ANTH 2040 | Sociocultural Survey (B) | 3 | HIST 1400 | 1867 (C) | |
| ANTH 2041 | Les Amérindiens de l'Amérique du | 3 | HIST 1440 | History of Canada (C) | 6 |
| | nord: une étude socioculturelle (B) | | HIST 1441 | Histoire du Canada (USB) | 6 |
| | (USB) | | HIST 2191 | Histoire économique et sociale | 6 |
| ANTH 2640 | Manitoba Prehistory | 3 | | canadienne du XIXe siècle (USB) | |
| ANTH 3460* | Native North American Ethnology (B) | | HIST 2280 | Aboriginal History of Canada (C) | 6 |
| ANTH 3461 | Ethnologie des Amérindiens de | 3 | HIST 2282 | Inventing Canada (C) | 3 |
| | l'Amérique du Nord (B) (USB) | _ | HIST 2284 <u>*</u> | Democracy and Dissent in | 3 |
| ANTH 3500 | Peoples of the Arctic (B) | 3 | | Canada: Social Movements in the | |
| ANTH 3501 | Peuples de l'Arctique (B) (USB) | 3 | UTOT 2206 | 20th Century (C) | _ |
| ANTH 3550 | Canadian Subcultures | 3 | HIST 2286 | Modern Canada (C) | 3 |
| ANTH 3551 | Sous-cultures canadiennes (USB) Archaeological Field Training (D,E) | 6 | HIST 2288 | History of Social Movements in | <u>3</u> |
| ANTH 3910 Economics | Archaeological Field Training (D,E) | 0 | HIST 2950* | Canada (C) Early Canada: from the Earliest | 6 |
| ECON 1210 | Introduction to Canadian Economic | 3 | HIST 2930" | Settlement to 1867 (C) | U |
| 20011 1220 | Issues and Policies | | HIST 2951* | Les origines du Canada: depuis la | 6 |
| ECON 1211 | Introduction aux politiques et aux | 3 | | première colonie jusqu'en 1867 | |
| | problèmes économiques canadiens | | | (USB) | |
| | (USB) | | HIST 2960* | The New Dominion: 1867 to 1921 | 6 |
| ECON 2280* | Social Welfare and Human Resources | | | (C) | |
| ECON 2310 | Canadian Economic Problems | 6 | HIST 2961* | Le nouveau Dominion: de 1867 à | 6 |
| ECON 2311 | Les problèmes économiques du | 6 | UTOT 2070* | 1921 (USB) | |
| ECON 23E0 | Canada (USB) | 3 | HIST 2970* | Modern Canada: 1921 to the Present | 6 |
| ECON 2350 ECON 2360* | Community Economic Development Women in the Canadian Economy | 6 | HIST 2971 | (C) Le Canada moderne: de 1921 à nos | 6 |
| ECON 2362 | Economics of Gender | 3 | H131 29/1 | jours (USB) | U |
| ECON 3300* | Canadian Economic History | 6 | HIST 3050 | Canada since 1945 (C) | 6 |
| ECON 3301 | Histoire économique du Canada | 6 | HIST 3052 | Canada since the 1960s (C) | 3 |
| | (USB) | | HIST 3054 | Canada and the United States (C) | 3 |
| ECON 3510* | Industrial Relations (Cross-listed | 6 | HIST 3220* | The History of Canadian-American | 6 |
| | with Labour Studies LABR 3510) | | | Relations (A,C) | |
| ECON 3690 | Economic Issues of Health Policy | 3 | HIST 3250 | | 6 |
| ECON 3720 | Urban and Regional Economics and | 3 | UTOT 0440 | Present (C) | - |
| 010 252* | Policies Introductory Regional Economics | 3 | HIST 3442 | Race, Ethnicity, Immigration, and | 3 |
| 018.352* 018.353* | Intermediate Regional Economics | 3 | HIST 3572 | Nation in Canadian History (C) The History of Women, Gender, and | 6 |
| 018.357* | Health Economics | 3 | 1131 3372 | Sexuality in Canada (C) | ٠ |
| 018.360* | Workshop in the Economy of Canada | - | HIST 3690 | History of Northern Canada (C) | 6 |
| English, Film, an | | | HIST 3721 | Histoire du Manitoba (C) (USB) | 6 |
| ENGL 2270 | Canadian Literature | 6 | HIST 3730 | A History of Western Canada (C) | 6 |
| ENGL 3270 | Studies in Canadian Literature | 3 | HIST 3780 | Studies in Canadian History 1 (C) | 3 |
| ENGL 3271 | Studies in Canadian Literature | 3 | HIST 3781 | Études choisies en histoire du | 3 |
| 004.275* | Canadian Literature (H) | 6 | | Canada 1 (USB) | |
| 004.288* | Canadian Literature to 1967 | 3 | HIST 3790 <u>*</u> | Studies in Canadian History 2 (C) | 3 |
| 004.289* | Canadian Literature after 1967 | 3 . | HIST 3791 | Études choisies en histoire du | 3 |
| 004.377* | Canadian Poetry | 6 | LITCT 2010 | Canada 2 (USB) | - |
| 004.378* | The Canadian Novel Studies in Canadian Literature | 6 6 | HIST 3910 HIST 4060 | The Ukrainians in Canada (C) Gender History in Canada (C) (H) | 3 |
| 004.388* FILM 2430 | The Canadian Film | 3 | HIST 4280 | Topics in the Cultural History of | 6 6 |
| Français (USB) | The Canadian Film | 3 | HI31 4200 | Canada (C) (H) | o |
| FRAN 2831 | L'individu et le pays (USB) | 3 | HIST 4340 | Introduction to Archival Science (G) | 6 |
| FRAN 2881 | Civilisation canadienne-française | 3 | .1151 -1510 | (H) | 9 |
| | (USB) | | HIST 4390* | The History of White Attitudes and | 6 |
| FRAN 3531 | Le théâtre québécois (USB) | 3 | | Policies towards Native Peoples in | - |
| FRAN 3541 | Le théâtre de l'Ouest (USB) | 3 | | North America (C) (H) | |
| FRAN 3831 | L'époque de la contestation (USB) | 3 | HIST 4680 | Social History of Health and Disease | 6 |
| FRAN 3841 | La révolution tranquille et le roman | 3 | | in Modern Canada (C) (H) | |
| | (USB) | | HIST 4700* | Canada, 1896 to the Present (C) (H) | 6 |

| | | _ | | | |
|--|--|--|---|---|---|
| HIST 4720* | History of Manitoba (C) (H) | 6 | NATV 4250 | Topics on Aboriginal Identities | 3 |
| HIST 4890 | Canadian Social History (C) (H) | 6 | NATV 4260* | Sacred Lands and Sacred Spaces of | 3 |
| HIST 4900* | The Hudson's Bay Company and | 6 | | Indigenous Peoples | - |
| 11151 4900 | | 0 | | | _ |
| | British North America (C) (H) | | NATV 4280 | Missionaries, Colonialism and | 3 |
| HIST 4950* | History of Quebec (C) (H) | 6 | | Aboriginal Peoples | |
| 011.133* | History of Canada from 1534 (C) | 6 | 032.090* | Introductory Cree | 6 |
| | | | | | |
| 011.133F* | Histoire du Canada (USB) | 6 | 032.091* | Introductory Ojibway | 6 |
| 011.254* | North American Indian (A,C,S) | 6 | 032.121* | Intermediate Ojibway | 6 |
| 011.324* | Protestantism and the Development | | 032.130* | Intermediate Cree | 6 |
| 011.524 | | 0 | | | 9 |
| | of the Canadian Community, 1749- | | 032.205* | Coastal Indians of Canada | 3 |
| | 1970 (C,S) | | 032.220* | Native Societies and the Political | 3 |
| 011.438* | Intellectual History of Canada (C) | 3 | | Process | - |
| 011.430 | | 3 | 000 004# | | _ |
| | (H) | | 032.321* | The Native Identity | 6 |
| 011.449* | The New Canada, 1867-96 (S) (H) | 6 | 032.323* | Native Peoples and the Law 2 | 3 |
| Icelandic | | | 032.325* | Native Peoples and the Law 1 | 6 |
| ICEL 2230 | Contomposary Toolandia Consdian | 2 | | | |
| ICEL 2230 | Contemporary Icelandic-Canadian | 3 | 032.373* | Art of the North American Native | 3 |
| | Literature | | | Peoples | |
| ICEL 2300* | Icelandic-Canadian Literature (H) | 6 | Political Studies | | |
| ICEL 3460* | Laura Goodman Salverson | 3 | | Law Dalities and Dawer in Canada | 2 |
| | | | POLS 1070 | Law, Politics and Power in Canada | 3 |
| ICEL 4440 | The Icelanders in Canada (H) | 3 | POLS 2070 | Introduction to Canadian | 6 |
| 012.445* | Stephan G. Stephansson (H) | 3 | | Government | |
| Labour Studies | otopiiaii oi otopiiaiiooii (ii) | • | POLS 2071 | | - |
| | | | POLS 20/1 | Introduction au système | 6 |
| LABR 3510 | Industrial Relations (Cross-listed | 6 | | gouvernemental Canadien (USB) | |
| | with Economics ECON 3510) | | POLS 2561 | Questions d'actualité en politique | 6 |
| Linguistics | | | . 020 2502 | | • |
| | | _ | | Canadienne (USB) | _ |
| LING 1360 | Languages of Canada | 3 | POLS 2570* | Introduction to Public Administration | 6 |
| | | | POLS 2571 | Initiation à l'administration publique | 6 |
| | | | . 020 237 2 | | • |
| Native Studies | | | | (USB) | |
| | The Netice Deceles of Counts | • | POLS 3100 | Gender and Politics in Canada | 3 |
| NATV 1200 | The Native Peoples of Canada | 6 | POLS 3170 | The Canadian Charter of Rights and | 3 |
| NATV 1220 | The Native Peoples of Canada, Part | 13 | | Freedoms | _ |
| NATV 1240 | The Native Peoples of Canada, Part 2 | 2.3 | 2016 2470 | | _ |
| NATV 1250 | Introductory Cree 1 | 3 | POLS 3470 | Canadian Public Management | 3 |
| | | | POLS 3520 | Canadian Foreign and Defence Policy | 6 |
| NATV 1260 | Introductory Cree 2 | 3 | POLS 3561 | Politique étrangère Canadienne | 6 |
| NATV 1270 | Introductory Ojibway 1 | 3 | 1023 3301 | | U |
| NATV 1280 | Introductory Ojibway 2 | 3 | | (USB) | |
| | | | POLS 3670 | Canadian Political Parties | 3 |
| NATV 1290 | Introductory Inuktitut | 3 | POLS 3860 | Canadian Federalism | 3 |
| NATV 2020 | The Métis of Canada | 3 | | | |
| NATV 2040 | Native Peoples of the Northern Plains | e 3 | POLS 3960 | Canadian Politics | 6 |
| | | | | | |
| | | | POLS 4070 | Advanced Seminar: Canadian | 3 |
| NATV 2040 | The Native Peoples of the Eastern | 3 | POLS 4070 | | 3 |
| | | | | Government (H) | |
| NATV 2060 | The Native Peoples of the Eastern Woodlands | 3 | POLS 4070 POLS 4080 | Government (H) Advanced Seminar: Canadian | 3 |
| NATV 2060 NATV 2070 | The Native Peoples of the Eastern Woodlands The Native Peoples of the Subarctic | 3 | | Government (H) | |
| NATV 2060 NATV 2070 NATV 2080 | The Native Peoples of the Eastern Woodlands The Native Peoples of the Subarctic Inuit Society and Culture | 3 3 3 | POLS 4080 | Government (H) Advanced Seminar: Canadian Democracy (H) | 3 |
| NATV 2060 NATV 2070 | The Native Peoples of the Eastern Woodlands The Native Peoples of the Subarctic | 3 | POLS 4080 POLS 4140 | Government (H) Advanced Seminar: Canadian Democracy (H) Canadian Political Ideas (H) | 3 |
| NATV 2060 NATV 2070 NATV 2080 | The Native Peoples of the Eastern Woodlands The Native Peoples of the Subarctic Inuit Society and Culture Native Societies and the Political | 3 3 3 | POLS 4140 POLS 4150 | Government (H) Advanced Seminar: Canadian Democracy (H) Canadian Political Ideas (H) Indigenous Governance (H) | 3 3 3 |
| NATV 2060 NATV 2070 NATV 2080 NATV 2220 | The Native Peoples of the Eastern Woodlands The Native Peoples of the Subarctic Inuit Society and Culture Native Societies and the Political Process | 3 3 3 3 | POLS 4080 POLS 4140 | Government (H) Advanced Seminar: Canadian Democracy (H) Canadian Political Ideas (H) | 3 3 3 3 |
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| NATV 2060 NATV 2070 NATV 2080 NATV 2220 NATV 2250 NATV 2270* NATV 2272 | The Native Peoples of the Eastern Woodlands The Native Peoples of the Subarctic Inuit Society and Culture Native Societies and the Political Process Intermediate Cree Intermediate Ojibway Intermediate Ojibway | 3 3 3 6 6 6 3 | POLS 4080 POLS 4140 POLS 4150 POLS 4180 POLS 4190 POLS 4660 | Government (H) Advanced Seminar: Canadian Democracy (H) Canadian Political Ideas (H) Indigenous Governance (H) Provincial Politics in Canada (H) Manitoba Politics and Government (H) The State in the Economy (H) | 3 3 3 3 6 |
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| UKRN 2420* UKRN 2430* | Ukrainian Canadian Literature Ukrainian Canadian Folklore | 3 |
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| Sociology | | |
| SOC 2320 | Canadian Society and Culture | 3 |
| SOC 2321 | La société Canadienne et sa culture (USB) | 3 |
| SOC 2370 | Ethnic Relations | 3 |
| SOC 2371 | Rapports ethniques (USB) | 3 |
| SOC 2531 | Sociologie du Manitoba (USB) | 6 |
| SOC 2610 | Sociology of Criminal Justice and | 3 |
| | Corrections | |
| SOC 2620 | The Sociology of Aging | 3 |
| SOC 3380 | Power, Politics and the Welfare State | |
| SOC 3470* | Political Sociology | 3 |
| SOC 3471 | Sociologie politique (USB) | 3 |
| SOC 3700 | Sociology of Law | 3 |
| | dian Heritage Studies | - |
| UCHS 3100 | The Ukrainian Arts in Canada | 3 |
| School of Art | | • |
| FAAH 3260 | Canadian Art and Architecture to | 3 |
| | World War II | • |
| FAAH 3270 | Canadian Art Since World War II | 3 |
| FAAH 3430 | Inuit Art | 3 |
| 054.358* | Inuit Culture and Art | 3 3 3 |
| 054.375* | Canadian Art 1 | 3 |
| | | _ |
| | Canadian Art 2 | 3 |
| 054.376* | Canadian Art 2 | 3 |
| 054.376* Clayton H. Rid | Idell Faculty of Environment, Earth | |
| 054.376* Clayton H. Rid and Resources | Idell Faculty of Environment, Earth | |
| 054.376* Clayton H. Rid | Idell Faculty of Environment, Earth S The Making of the Prairie Landscape | , |
| 054.376* Clayton H. Rid and Resources Geography | Idell Faculty of Environment, Earth The Making of the Prairie Landscape (A) | , |
| 054.376* Clayton H. Rid and Resources Geography GEOG 2450* | Idell Faculty of Environment, Earth The Making of the Prairie Landscape (A) Geography of Canada (A) | , |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 | Idell Faculty of Environment, Earth The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canada Prairie | 6 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 | Idell Faculty of Environment, Earth The Making of the Prairie Landscape (A) Geography of Canada (A) | 6 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 | Idell Faculty of Environment, Earth The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) | 6 3 3 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) | 6 3 3 3 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 GEOG 3480 | Idell Faculty of Environment, Earths The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du | 6 3 3 3 3 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 GEOG 3480 | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) | 6 3 3 3 3 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2900 GEOG 3431 GEOG 3480 GEOG 3481 | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) Canada: The Making of the Human | 6 3 3 3 3 3 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2900 GEOG 3431 GEOG 3480 GEOG 3481 | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) Canada: The Making of the Human Landscape (A) | 6 3 3 3 3 6 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 GEOG 3480 GEOG 3481 GEOG 3700* | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) Canada: The Making of the Human Landscape (A) Canada: évolution de l'écoumène | 6 3 3 3 3 3 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 GEOG 3480 GEOG 3481 GEOG 3700* GEOG 3701 | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) Canada: The Making of the Human Landscape (A) Canada: évolution de l'écoumène (USB) | 6 3 3 3 3 3 6 6 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 GEOG 3480 GEOG 3481 GEOG 3700* | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) Canada: The Making of the Human Landscape (A) Canada: évolution de l'écoumène (USB) Geography of Manitoba (A) | 6 3 3 3 3 6 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 GEOG 3480 GEOG 3481 GEOG 3700* GEOG 3701 GEOG 3900 | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) Canada: The Making of the Human Landscape (A) Canada: évolution de l'écoumène (USB) | 6 3 3 3 3 3 6 6 6 3 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 GEOG 3480 GEOG 3481 GEOG 3700* GEOG 3701 GEOG 3900 | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) Canada: The Making of the Human Landscape (A) Canada: évolution de l'écoumène (USB) Geography of Manitoba (A) Historical Geography of Indian Peoples in the Canadian Fur Trade | 6 3 3 3 3 3 6 6 6 3 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 GEOG 3480 GEOG 3481 GEOG 3700* GEOG 3701 GEOG 3900 053.369* | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) Canada: The Making of the Human Landscape (A) Canada: évolution de l'écoumène (USB) Geography of Manitoba (A) Historical Geography of Indian Peoples in the Canadian Fur Trade Historical Geography of Canadian | 6 3 3 3 3 3 6 6 6 3 6 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 GEOG 3480 GEOG 3481 GEOG 3700* GEOG 3701 GEOG 3900 053.369* | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) Canada: The Making of the Human Landscape (A) Canada: évolution de l'écoumène (USB) Geography of Manitoba (A) Historical Geography of Indian Peoples in the Canadian Fur Trade Historical Geography of Canadian Indians (A) | 6 3 3 3 3 3 6 6 6 3 6 |
| 054.376* Clayton H. Rid and Resource: Geography GEOG 2450* GEOG 2570 GEOG 2900 GEOG 3431 GEOG 3480 GEOG 3481 GEOG 3700* GEOG 3701 GEOG 3900 053.369* | The Making of the Prairie Landscape (A) Geography of Canada (A) Geography of Canadian Prairie Landscapes (A) Géographie du Canada (USB) Canadian Problems Particularités de la géographie du Canada (USB) Canada: The Making of the Human Landscape (A) Canada: évolution de l'écoumène (USB) Geography of Manitoba (A) Historical Geography of Indian Peoples in the Canadian Fur Trade Historical Geography of Canadian | 6 3 3 3 3 3 6 6 3 6 6 |

Catholic Studies

Introductions:

CATH 2300 The Jesuits: Their Legacy and Influence Cr.Hrs. 3 +3.0 The Society of Jesus (the Jesuit order) has aroused admiration and respect as well as fear and suspicion throughout its eventful history. The Jesuits have left an indelible mark on the Catholic Church as well as the modern world itself in their roles as explorers, intellectuals, artists, scientists, and teachers. This course focuses on Jesuit contributions to science, education, the fine arts, politics, and social reform since the order's foundation in 1534. Students may not hold credit for both CATH 2300 and CATH 2000 when titled "The Jesuits: Their legacy and influence." Prerequisite: [a grade of "C" or better in CATH 1190 (160.119)] or written consent of instructor.

CATH 2400 Mystics, Saints, and Sinners: The Quest for Holiness in the +3.0 Catholic Church Cr.Hrs. 3

This course will explore the Roman Catholic notion of sanctity as it developed over the course of history. From martyr to mystic and ascetic to activist, variations of holiness will be examined in relation to the regions, periods, and interests that shaped them. It provides both a chronological and an interdisciplinary overview of sanctity from the New Testament to the present with a special focus on the lives of the saints, relics, shrines, and canonization treatises. Prerequisite: [a grade of "C" or better in CATH 1190 (160.119)] or written consent of instructor.

NET CHANGE IN CREDIT HOURS: +6.0

Program modification:

Modifications to the following are outlined on the next pages:

 Minor (Concentration) in Catholic Studies, List of Approved Courses in Catholic Studies

Catholic Studies

- Modification of List of Approved Courses in Catholic Studies

Added material

Deleted-material

| List of Approv | ed Courses in Catholic Studies | |
|------------------------|--|-----------------------|
| Faculty of Arts | | |
| Catholic Studies | | |
| CATH 1190 | Introduction to Catholic Studies | 3 |
| CATH 2000 | Special Topics in Catholic Studies | 3 3 3 6 3 |
| CATH 2010 | Literature and Catholic Culture 1 | 3 |
| CATH 2010 | Literature and Catholic Culture 2 | 3 |
| CATH 2020 | Field Studies in Catholic Culture | 6 |
| CATH 2100 CATH 2200 | Catholicism and Human Sexuality | 3 |
| | The Jesuits: Their Legacy and | 3 |
| CATH 2300 | Influence | |
| CATH 2400 | Mystics, Saints, and Sinners: The | 3 |
| | Quest for Holiness in the Catholic | |
| | <u>Church</u> | |
| CATH 3900 | Catholic Social Teaching | 3 |
| History | | |
| HIST 2180 | The History of Catholicism to 1540 | 3 |
| | (G) | |
| HIST 2990 | The History of Catholicism since | 3 |
| | 1540 (G) | |
| HIST 2991 | Histoire de l'Église catholique depuis | 3 |
| | 1540 (G) | |
| HIST 4820* | The Crusades (D) | 6 |
| Philosophy | , , | |
| PHIL 2320* | Thomas Aquinas and Medieval | 6 |
| | Philosophy | |
| PHIL 2780 | Thomas Aquinas | 3 |
| Religion | · | |
| RLGN 2840 | The Second Vatican Council-(A) | 3 |
| RLGN 2850 | Contemporary Issues in Roman | 3 |
| | Catholicism-(A) | |
| RLGN 3870 | The Thought of Bernard Lonergan | 3 |
| | (A) | |
| School of Art | • • | |
| Art History | | , |
| FAAH 2060 | Medieval to Early Renaissance Art | 3 |
| | and Architecture | |
| FAAH 2070 | Renaissance to Baroque Art and | 3 |
| | Architecture | - |
| FAAH 3130 | Topics in Medieval Art and | 3 |
| | Architecture | - |
| FAAH 3140 | Topics in Renaissance and Baroque | 3 |
| | Art and Architecture | |
| FAAH 3280 | Early Byzantine Art and Architecture | 3 |
| | rse no longer offered. | • |
| Indicates cour | or no longer offered. | |

Central and East European Studies

Program modifications:

Modifications to the following are outlined on the next pages:

- Bachelor of Arts (General Major) in Central and East European Studies
- Bachelor of Arts (Single Advanced Major) in Central and East European Studies
- Bachelor of Arts (Double Honours) in Central and East European Studies
- Minor (Concentration) in Central and East European Studies
- Program Notes
- List of Approved Courses in Central and East European Studies

Central and East European Studies

- Introduction of Double Advanced Major Program
- Modification of General Major, Single Advanced Major, Minor (Concentration), Double Honours and Program
- Modification of List of Approved Courses in Central and East European Studies

Added material

Deleted material

8.5.1 Program Information

Major Program

For entry to the Major, the prerequisite is a grade of "C" or better in both six credit hours of Russian, German, Polish, Ukrainian, Hungarian or Yiddish and six credit hours from the list of approved courses in Central and East European Studies below. For students who have taken additional courses toward the Major, then a minimum cumulative GPA of 2.00 is required on all courses including the higher grade of repeated courses and excluding failed courses.

A minimum cumulative GPA of 2.00 in all courses that comprise the Major is required to graduate including the higher grade of repeated courses and excluding failed courses.

Minor (Concentration) Program

For entry to the Minor (Concentration), the prerequisite is a grade of "C" or better in both six credit hours of Russian, German, Polish, Ukrainian, Hungarian or Yiddish and six credit hours from the list of approved courses in Central and East European Studies below.

Honours Program (Double Honours Only)

For entry to the Honours program, see <u>Section 3: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree</u> Programs.

This program is only available to students registered in the Honours program in Economics, History or Political Studies.

Courses used toward the Major, Minor (Concentration) or Honours may not also be used toward a Major, Minor (Concentration) or Honours in the department in which they are offered.

8.5.2 Central and East European Studies

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | | | | |
|--|------------------------|--------|--------|--|--|--|--|
| GENERAL MAJOR TOTAL: 30 CREDIT HOURS | | | | | | | |
| 6 credit hours in a language from courses numbered at the 1000 or 2000 level ² in Russian, German, Ukrainian, Polish, <u>Hungarian</u> or Yiddish, plus 6 credit hours from the List of Approved Courses in Central and East European Studies or from language courses in Central and East European Studies or from language courses numbered at the 1000, 2000, or 3000 level ³ in Russian, German, Ukrainian, Polish, Hungarian or Yiddish | | | | | | | |
| SINGLE ADVANCED MAJOR | TOTAL: 48 CREDIT HOURS | | | | | | |
| 6 credit hours in a language from courses numbered at the 1000 or 2000 level ² in Russian, German, Ukrainian, Polish Hungarian or Yiddish, plus 6 credit hours from the List of Approved Courses in Central and East European Studies, of which at least 12 credit hours must be taken in two subject fields ⁵ • 6 credit hours from the List of Approved Courses in Central and East European Studies or from language courses numbered at the 1000, 2000, or 3000 level ³ in Russian, German, Ukrainian, Polish, Hungarian or Yiddish | | | | | | | |

| European Studies | | |
|---|---|---|
| DOUBLE ADVANCED MAJOR | TOTAL: 42 CREDIT HOURS | |
| 6 credit hours in a language from courses numbered at the 1000 or 2000 level ² in Russian, German, Ukrainian, Polish, Hungarian or Yiddish, plus 6 credit hours from the List of Approved Courses in Central and East European Studies | 24 credit hours from the List of Approved Courses in Central and East European Studies, of which at least 12 credit hours must be taken in two subject fields 6 credit hours from the List of Approved Courses in Central and East European Studies or from language courses numbered at the 1000, 2000, or 3000 level ³ in Russian, German, Ukrainian, Polish, Hungarian or Yiddish . | |
| MINOR (CONCENTRATION) | TOTAL: 18 CREDIT HOURS | |
| 6 credit hours in a language from courses numbered at the 1000 or 2000 level ² in Russian, German, Ukrainian, Polish, <u>Hungarian</u> or Yiddish, plus 6 credit hours from the List of Approved Courses in Central and East European Studies ⁴ | 6 credit hours from the List of Approved Courses in Central and East European Studies | |
| DOUBLE HONOURS ¹ | | |
| 6 credit hours in a language from courses numbered at the 1000 or 2000 level ² in Russian, German, Ukrainian, Polish <u>, Hungarian</u> or Yiddish | 6 credit hours from the List of Approved Courses in Central and East European Studies 6 credit hours in a language from courses numbered at the 1000 or 2000 level ² in Russian, German, Ukrainian, Polish, Hungarian or Yiddish ³ 6 credit hours in a language from courses numbered at the 3000 level in Russian, German, Ukrainian or Polish 6 credit hours from courses numbered at the 3000 level in History, Economics, Political Studies, Russian, Ukrainian, German or Fine Arts ⁶⁻² 13-24 credit hours in other Honours field | 12 credit hours from courses numbered at the 4000 level in Economics, German, History, Political Studies, Russian Ukrainian of Fine Arts ⁶⁻⁵ (of these at least 6 credit hours must be taker from two subject fields) minimum of 12 hours of credit in other Honours field 6 credit hours in free options ² |
| | 12-24 credit hours in other Honours field 6 credit hours in ancillary options ⁶ | |
| | 6 credit hours in free options ^Z | |

NOTES:

- ¹ Students must ensure that all course prerequisites are met when selecting courses for the Double Honours program. Students should consult the program coordinator when selecting courses in Year 1 and 2 of the program.
- ² Students should note that while the majority of students begin language instruction with courses numbered at the 1000 level, in exceptional circumstances and with the approval of the committee, students may begin language instruction with courses numbered at the 2000 level.
- 3 Students who begin their language instruction in Year 1 with 6 credit hours of courses numbered beyond the 1000 level may take 6 credit hours at the 1000, or 2000 levels in a different language approved by the program coordinator.
- ⁴ Students who have declared a Major in Russian, German or Ukrainian can either take 12 credit hours from at least two different subject fields from the List of Approved Courses in Central and East European Studies, or 6 credit hours from courses numbered at the 1000 or 2000 level in a language (Russian, German, Ukrainian, Polish, <u>Hungarian</u> or Yiddish) other than their declared Major and 6 credit hours from the List of Approved Courses in Central and East European Studies.
- ⁵-Students may substitute up to 6 credit hours with language courses numbered at the 1000 or 2000 level in Russian, German, Ukrainian, Polish or Yiddish.

List of Approved Courses in Central and East European Studies Faculty of Arts Anthropology ANTH 2060 European Archaeology Economics

| <u>Anthropology</u> | | |
|---------------------|---|---|
| ANTH 2060 | European Archaeology | 3 |
| Economics | | |
| ECON 2270* | European Economic History | 6 |
| ECON 2510 | The Economy of Ukraine | 3 |
| ECON 4450* | Comparative Economic Systems | 6 |
| German and SI | | - |
| GRMN 1300 | Masterpieces of German Literature in English Translation | 3 |
| GI4114 1500 | (C) | , |
| GRMN 1310 | Love in German Culture in English Translation (C) | 3 |
| | | 3 |
| GRMN 2120 | Introduction to German Culture—1 from 1918 to the Present | 3 |
| | (C) | _ |
| GRMN 2130 | Introduction to German Culture—2 from the Beginnings to | 3 |
| | 1918 (C) | |
| GRMN 2510 | German Fairy Tales from the Brothers Grimm to Hollywood | 3 |
| | (C) | |
| GRMN 3260 | Representations of the Holocaust (B) (B) | 3 |
| GRMN 3262 | Representations of the Holocaust in English Translation (C) | 3 |
| GRMN 3270 | Studies in Contemporary German Cinema (C) | 3 |
| GRMN 3280 | Sex, Gender and Cultural Politics in the German-Speaking | 3 |
| | World_(B) | |
| GRMN 3282 | Sex, Gender and Cultural Politics in the German-Speaking | 3 |
| GRITH J202 | World in English Translation_(C) | 3 |
| GRMN 3290 | History in Literature in German-Speaking Countries (B) | 3 |
| | | |
| GRMN 3390 | German Representations of War (C) | 3 |
| GRMN 3392 | German Representations of War_(B) | 3 |
| GRMN 3520* | Special Topics in Comparative German and Slavic Studies | 6 |
| GRMN 3530 | Special Topics in Comparative German and Slavic Studies | 3 |
| | (C) | |
| HUNG 1000 | Introduction to Hungarian 1 | 3 |
| HUNG 1002 | Introduction to Hungarian 2 | 3 |
| POL 1900 | Love, Heroes and Patriotism in Contemporary Poland | 3 |
| POL 2600 | Polish Culture until 1918 | 3 |
| POL 2610 | Polish Culture 1918 to the Present | 3 |
| RUSN 1400 | Masterpieces of Russian Literature in Translation | 3 |
| RUSN 2280 | Russian Culture 1-until 1900 | 3 |
| RUSN 2290 | Russian Culture 2-from 1900 to the Present | 3 |
| RUSN 2310 | | 3 |
| | Exploring Russia through Film | 3 |
| RUSN 2410 | Russian Literature after Stalin | 3 |
| RUSN 2740 | Literature and Revolution | 3 |
| RUSN 2750* | Contemporary Russian Literature and Film | 3 |
| RUSN 2770* | Masterpieces of Russian Literature in Translation | 3 |
| RUSN 3770 | Tolstoy | 3 |
| RUSN 3780 | Dostoevsky | 3 |
| SLAV 2240* | East European Literature 1 | 3 |
| SLAV 2250* | East European Literature 2 | 3 |
| SLAV 2260 | Russia, Ukraine and Poland Cultures in Dialogue 1 | 3 |
| SLAV 2270 | Russia, Ukraine and Poland Cultures in Dialogue 2 | 3 |
| SLAV 3520* | Special Topics in Comparative German and Slavic Studies | 6 |
| SLAV 3530 | Special Topics in Comparative German and Slavic Studies | 3 |
| SLAV 3920 | Gogol | 3 |
| UKRN 2200 | Ukrainian Myth, Rites and Rituals | 3 |
| UKRN 2770 | | 3 |
| | Ukrainian Culture 1 until 1900 | |
| UKRN 2780 | Ukrainian Culture-2 from 1900 to the Present | 3 |
| UKRN 2800 | Literature and Revolution in Ukraine | 3 |
| UKRN 2820 | Holodomor and Holocaust in Ukrainian Literature and | 3 |
| | Culture | |
| UKRN 3100 | Ukrainian Story Writing Through the Ages | 3 |
| UKRN 3300 | Literature of Independent Ukraine | 3 |
| UKRN 3670* | Contemporary Ukrainian Literature | 3 |
| | | |

 $^{^{65}}$ Courses must be individually approved by the program coordinator as relevant to Central and East European Studies. For information on available courses, please contact the program coordinator.

⁶ Ancillary options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding Central and East European Studies courses).

⁷ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including Central and East European Studies courses).

| UKRN 3850* | Ukrainian Short Story | 3 | | | |
|---------------------------------------|--|--------------------------------------|--|--|--|
| History | | | | | |
| HIST 2080 | The Byzantine Empire and the Slavic World (D) | 3 | | | |
| HIST 2240 | History of Antisemitism and the Holocaust (E) | 6 | | | |
| HIST 2490 | History of Russia | 6 | | | |
| HIST 2600 | Introduction to Ukraine | 3 | | | |
| HIST 2610 | Making of Modern Ukraine | 3 | | | |
| HIST 2660 | History of the Soviet Union (E) | 3 | | | |
| HIST 2661 | Histoire de l'Union soviétique (E) | 3 | | | |
| HIST 2840 | A History of Russia to 1917 | 3 | | | |
| HIST 2841 | Histoire de la Russie jusqu'en 1917 (E) | 6 3 3 3 3 3 3 3 | | | |
| HIST 3030* | Issues in Ukrainian History | 3 | | | |
| HIST 3060* | German and German Jewish History, 1780-1933 (E) | 3 | | | |
| HIST 3062 | German and German-Jewish History, 1618 to the Present | 6 | | | |
| | (E) | | | | |
| HIST 3064 | German and German-Jewish History, 1618-1900 (E) | 3 | | | |
| HIST 3066 | German and German-Jewish History, 1900 to the Present | 3 | | | |
| | (E) | | | | |
| HIST 3180* | Modern Russia: The Soviet Era and Beyond | 6 | | | |
| HIST 4300 | Problems in Modern Russian and Soviet History | 6 | | | |
| 011.255* | History of Ukraine | 6 | | | |
| Judaic Studies | | - | | | |
| YDSH 2320 | Yiddish Literature and Language | 6 | | | |
| Political Studie | | • | | | |
| POLS 3720 | Politics, Government and Society in Ukraine | 3 | | | |
| POLS 3810 | Introduction to Marxism | 3 | | | |
| POLS 2920* | Government, Politics and Society in Ukraine | . 6 | | | |
| POLS 4810* | Seminar in Marxist-Leninist and Contemporary Marxist | 6 | | | |
| | Political Theory | - | | | |
| Religion | | | | | |
| RLGN 1350 | The History of Eastern Christianity-(A) | 6 | | | |
| RLGN 2530 | Eastern Christianity in the Contemporary World-(A) | 3 | | | |
| RLGN 3280 | Hasidism-(A) | 3 | | | |
| School of Art | () | - | | | |
| FAAH 3160 | Topics in 20th Century Art (only when topic focuses on | 3 | | | |
| | Central and Eastern Europe) | - | | | |
| FAAH 3280 | Early Byzantine Art and Architecture | 3 | | | |
| FAAH 3290 | Later Byzantine Art and Architecture | 3 | | | |
| FAAH 4070 | Seminar in Art History 1 (when its focus is on Central and | 3 | | | |
| | Eastern Europe | - | | | |
| FAAH 4080* | Seminar in Art History 2 (when its focus is on Central and | 3 | | | |
| | Eastern Europe) | - | | | |
| Clayton H. Ride | dell Faculty of Environment, Earth, and Resources | | | | |
| Geography | | | | | |
| GEOG 3600* | Geography of Ukraine | 3 | | | |
| | urse no longer offered. | - | | | |
| - Indicates course no longer offered. | | | | | |

Classics

Introduction:

CLAS 3670 Religion in the Hellenistic and Roman Mediterranean Cr.Hrs. 3 +3.0 This course explores the wide variety of religious traditions, practices, and beliefs of the Mediterranean region in the Hellenistic and Roman period (c. 300 BCE to 300 CE). This period is exemplified by a great deal of continuity, but it was also a time of experimentation, innovation, and cultural entrepreneurship. Also offered by Religion as RLGN 3640 (020.364). Students may not hold credit for both CLAS 3670 and RLGN 3640 (020.364).

Modifications:

CLAS 3650 Religion in Ancient Greece Cr.Hrs. 3 0.0 (Formerly 003.365) The religious beliefs and practices of the Greeks from the prehistoric period through the beginnings of the Hellenistic period as related to their political, social, intellectual, and domestic institutions; based on the study of both literary and archaeological evidence. Prerequisite: [a grade of "C" or better in one of: CLAS 1270 (003.127), CLAS 2140, CLAS 2150, CLAS 2520 (003.252), CLAS 2670 (003.267), CLAS 3670, RLGN 3640 (020.364)] or written consent of department head.

CLAS 3660 Religion in Ancient Rome Cr.Hrs. 3 0.0 (Formerly 003.366) The religious beliefs and practices of the Romans from earliest times until the reign of Constantine as related to their political, social, intellectual, and domestic institutions; based on the study of both literary and archaeological evidence from Italy and the rest of the Roman world. Prerequisite: [a grade of "C" or better in one of: CLAS 1280 (003.128), CLAS 2160, CLAS 2170, CLAS 2520 (003.252), CLAS 2680 (003.268), CLAS 3670, RLGN 3640 (020.364)] or written consent of department head.

NET CHANGE IN CREDIT HOURS: +3.0

Program modifications:

Modifications to List A - Approved List of Courses Offered by Other Departments Acceptable for Credit in Major/Minor (Concentration) in Classical Studies are outlined on the next page:

Classics

- Modification of List A

Added material

Deleted-material

List A: Approved List of Courses Offered by Other Departments Acceptable for Credit in a Major/Minor (Concentration) in Classical Studies

| History | | |
|------------|---|---|
| HIST 2420 | The Medieval World (D) | 6 |
| HIST 3270* | Roman Law in Medieval Europe (D) | 3 |
| HIST 4740* | The Golden Age of Byzantium (D) | 6 |
| HIST 4840* | The Early Middle Ages | 6 |
| 011.206* | The Emergence of the Medieval World (D) | 3 |
| 011.207* | The Early and High Middle Ages, 800-1300 A.D. (D) | 3 |
| 011.264* | History of the Byzantine Empire | 6 |
| Philosophy | | |
| PHIL 2650 | Plato | 3 |
| PHIL 2660 | Aristotle | 3 |
| Religion | | |
| RLGN 2550 | History of Early Christian Thought | 3 |
| RLGN 3640 | Religion in the Hellenistic World-and Roman | 3 |
| | Mediterranean | |

^{*} Indicates course no longer offered.

Economics

Deletions:

| ECON 2420 Economics of the Labour Process and Labour Relations Cr.Hrs. 6 | -6.0 |
|--|------|
| ECON 2450 Microeconomic Theory and Its Applications 1 Cr.Hrs. 3 | -3.0 |
| ECON 2460 Microeconomic Theory and Its Applications 2 Cr.Hrs. 3 | -3.0 |
| ECON 2470 Macroeconomic Theory and Its Applications 1 Cr.Hrs. 3 | -3.0 |
| ECON 2480 Macroeconomic Theory and Its Applications 2 Cr.Hrs. 3 | -3.0 |
| ECON 2530 Introduction to Mathematical Economics Cr.Hrs. 3 | -3.0 |
| ECON 2700 Microeconomic Analysis 1 Cr.Hrs. 3 | -3.0 |
| ECON 2800 Macroeconomic Analysis 1 Cr.Hrs. 3 | -3.0 |
| ECON 3170 Introduction to Quantitative Methods in Economics Cr.Hrs. 3 | -3.0 |
| ECON 3180 Introduction to Econometrics Cr.Hrs.3 | -3.0 |
| ECON 3300 Canadian Economic History Cr.Hrs. 6 | -6.0 |
| ECON 3510 Industrial Relations Cr.Hrs. 6 | -6.0 |
| ECON 3700 Microeconomic Analysis 2 Cr.Hrs. 3 | -3.0 |
| ECON 3730 Topics in Mathematical Economics Cr.Hrs. 3 | -3.0 |
| ECON 3800 Macroeconomic Analysis 2 Cr.Hrs. 3 | -3.0 |
| ECON 4120 Intermediate Econometrics Cr.Hrs. 3 | -3.0 |
| ECON 4130 Seminar in Econometrics Cr.Hrs. 3 | -3.0 |
| ECON 4410 History of Economic Thought Cr.Hrs. 6 | -6.0 |
| ECON 4480 Game Theory Cr.Hrs. 3 | -3.0 |
| ECON 4830 Economics Field Placement Cr.Hrs. 6 | -6.0 |

Introductions:

ECON 2010 Microeconomic Theory 1 Cr.Hrs. 3

+3.0

This course builds on ECON 1010 to examine in greater detail microeconomic concepts of supply, demand, and industry structure. The course also includes the study of externalities, public goods, information asymmetries, and risk and uncertainty. Students may not hold credit for ECON 2010 and any of: ECON 2451, the former ECON 2450 (018.245), or the former ECON 2700 (018.270). Prerequisite: [a grade of "C" or better in ECON 1010, or ECON 1011, or the former ECON 1200 (018.120), or the former ECON 1201] or [a grade of "C" or better in both ECON 1210 (or ECON 1211 (018.121))].

ECON 2020 Macroeconomic Theory 1 Cr.Hrs. 3

+3.0

A study of classical macroeconomic models of the determination of economic aggregates such as national income, consumption, investment, government spending, exports, imports, and economy-wide variables such as the interest rate, the foreign exchange rate, the price level and inflation, and the unemployment rate. The influence of fiscal and monetary policies on the aggregate economy is examined. Students may not hold credit for ECON 2020 and any of: ECON 2471, the former ECON 2470 (018.247), or the former ECON 2800 (018.280). Prerequisite: [a grade of "C" or better in ECON 1020, or ECON 1021, or the former ECON 1200 (018.120), or the former ECON 1201] or [a grade of "C" or better in both ECON 1210 (or ECON 1211 (018.121))].

ECON 2030 Mathematical Economics 1 Cr.Hrs. 3

+3.0

Introduction to mathematical methods used in economic analysis including differentiation, matrix algebra, comparative statics, and optimization. Students may not hold credit for both ECON 2030 and the former ECON 2530 (018.253). Prerequisite: [a grade of "C" or better in six credit

hours of 1000 level Economics] and [a grade of "C" or better in MATH 1500 (136.150) or MATH 1501 (136.150) or MATH 1520 (136.152)].

ECON 2040 Quantitative Methods in Economics Cr.Hrs. 3

+3.0

An introduction to statistical methods relevant to Economics, which include: descriptive statistics; probability and probability distributions; hypothesis testing; and ordinary least squares regression. The use of contemporary econometric software is required. Students may not hold credit for both ECON 2040 and the former ECON 3170 (018.317). Prerequisite: a grade of "C+" or better in six credit hours of 1000 level Economics.

ECON 3010 Microeconomic Theory 2 Cr.Hrs. 3

+3.0

This course uses basic calculus and optimization techniques to study consumer and firm behaviour, demand and supply theory, monopoly, monopolistic competition, oligopoly, and the Edgeworth Box analysis of an exchange economy. Students may not hold credit for ECON 3010 and any of: ECON 2461, the former ECON 2460 (018.246), or the former ECON 3700 (018.370). Prerequisite: [a grade of "C+" or better in ECON 2010 or ECON 2451 or the former ECON 2450 (018.245) or the former ECON 2700 (018.270)] and [a grade of "C" or better in MATH 1500 (136.150)].

ECON 3020 Macroeconomic Theory 2 Cr. Hrs. 3

+3.0

Theories of national income, employment, inflation, balance of payments, stabilization policy, and economic growth within the framework of macroeconomic models of an open economy with particular attention to empirical evidence from Canada, the U.S., and other countries. This course requires the use of calculus. Students may not hold credit for ECON 3020 and any of: ECON 2481, the former ECON 2480 (018.248), or the former ECON 3800 (018.380). Prerequisite: [a grade of "C+" or better in ECON 2020 or ECON 2471 or the former ECON 2470 (018.247) or the former ECON 2800 (018.280)] and [a grade of "C" or better in MATH 1500 (136.150)].

ECON 3030 Mathematical Economics 2 Cr.Hrs. 3

+3.0

Mathematical methods used in economic analysis. Topics will include optimization with constraints, exponential and logarithmic functions, integrals, dynamic analysis, basic differential equations, and Hamiltonians. Students may not hold credit for both ECON 3030 and the former ECON 3730 (018.373). Prerequisite: [a grade of "C" or better in ECON 2030 or the former ECON 2530 (018.253)] or written consent of instructor.

ECON 3040 Introduction to Econometrics Cr.Hrs. 3

+3.0

This course builds on ECON 2040 by introducing: multivariate ordinary least squares regression using matrices; heteroskedasticity; and autocorrelation. Additional topics may include: instrumental variables; binary choice models; and panel data models. Students may not hold credit for both ECON 3040 and the former ECON 3180 (018.318). Prerequisite: a grade of "C+" or better in ECON 2040 or the former ECON 3170 (018.317).

ECON 4010 Advanced Microeconomic Theory Cr.Hrs. 3

+3.0

An intensive study of advanced microeconomic analysis using optimization techniques involving multivariate calculus. Topics will include consumer theory, producer theory, general equilibrium, intertemporal choice, risk and insurance markets, and asymmetric information (moral hazard and adverse selection). Prerequisite: a grade of "B" or better in ECON 3010 or ECON 2461 or the former ECON 2460 (018.246), or the former ECON 3700 (018.370).

ECON 4012 Topics in Advanced Microeconomic Theory Cr. Hrs. 3

+3.0

An intensive review of selected topics in advanced microeconomic theory. Prerequisite: a grade of "B" or better in ECON 3010 or ECON 2461 or the former ECON 2460 (018.246) or the former ECON 3700 (018.370). As the course content will vary from term to term, students may take this course more than once for credit.

ECON 4020 Topics in Advanced Macroeconomic Theory Cr.Hrs. 3

+3.0

An intensive review of selected topics in advanced macroeconomic theory. Prerequisite: a grade of "B" or better in ECON 3020 or ECON 2481 or the former ECON 2480 (018.248) or the former ECON 3800 (018.380). As the course content will vary from term to term, students may take this course more than once for credit.

ECON 4040 Seminar in Applied Econometrics Cr.Hrs. 3

+3.0

An applied course with a research component that incorporates real-world data and contemporary econometric software with an emphasis on the application of econometrics to a range of microeconomic and macroeconomic problems. Topics may include: endogeneity; instrumental variables; generalized method of moments; generalized least squares; limited dependent variable models; univariate and multivariate time series models; and panel data models. Students may not hold credit for both ECON 4040 and either the former ECON 4120 (018.421) or ABIZ 4120 (061.412). Prerequisite: a grade of "C+" or better in ECON 3040 or the former ECON 3180 (018.318).

ECON 4042 Topics in Econometrics Cr.Hrs. 3

+3.0

This is a theoretical course that addresses more advanced econometric topics with the intent of preparing students for graduate-level studies in econometrics. Standard topics will be examined in more depth. Students may not hold credit for both ECON 4042 and the former ECON 4130 (018.413). Prerequisite: a grade of "C+" or better in ECON 3040 or the former ECON 3180 (018.318).

ECON 4050 History of Economic Thought 1 Cr.Hrs. 3

+3.0

A seminar course on the history of economic thought up to 1870. Attention is given to the evolution and significance of major theoretical concepts and approaches, the people who developed them and the attendant social, intellectual and economic context. Students may not hold credit for both ECON 4050 and the former ECON 4410 (018.441). Prerequisite: written consent of department head.

ECON 4052 History of Economic Thought 2 Cr.Hrs. 3

+3.0

A seminar course on the history of economic thought since 1870. Attention is given to the evolution and significance of major theoretical concepts and approaches, the people who developed them, and the attendant social, intellectual and economic context. Students may not hold credit for ECON 4052 and the former ECON 4410 (018.441). Prerequisite: a grade of "C" or better in ECON 4050.

ECON 4822 Economic Research and Communication Cr.Hrs. 6

+6.0

This is the capstone course for students in their final year of the B.A. (Adv.) Major in Economics. The aim of this course is to develop some of the research, analytical, and writing skills that will allow students to utilize knowledge and quantitative skills acquired in previous economics courses. Students may not hold credit for ECON 4822 and any of: ECON 4820 (018.482) or the former ECON 4830 (018.483). Prerequisite: [a grade of "C" or better in each of ECON 2040 (or the former ECON 3170 (018.317)) and ECON 3040 (or the former ECON 3180 (018.318))] and [a grade of "C" or better in ECON 2010 (or ECON 2451 or the former ECON 2450 (018.245) or

the former ECON 2700 (018.270))] and [a grade of "C" or better in ECON 3010 (or ECON 2461 or the former ECON 2460 or (018.246) or the former ECON 3700 (018.370))] and [a grade of "C" or better in ECON 2020 (or ECON 2471 or the former ECON 2470 (018.247) or the former ECON 2800 (018.280))] and [a grade of "C" or better in ECON 3020 (or ECON 2481 or the former ECON 2480 (018.248) or the former ECON 3800 (018.380))]. Registration is restricted to students who have formally declared an Advanced Major in Economics or Honours Economics.

Modifications:

ECON 3362 Labour Economics 1 Cr.Hrs. 3

0.0

An introduction to labour economics, including labour supply, labour demand and the determination of wages and employment. Students may not hold credit for both ECON 3362 and the former ECON 3360 (018.336). Prerequisite: a grade of "C" or better in ECON 2010 or ECON 2451 or the former ECON 2450 (018.245) or the former ECON 2700 (018.270).

ECON 3374 Public Expenditure Analysis and Policy Evaluation Cr.Hrs. 3 0.0 The study of the role of government in the economy, government budget and expenditure evaluation issues, benefit-cost analysis, as well as government intervention regulation, public pricing, and ownership issues. Students may not hold credit for both ECON 3374 and the former ECON 3370 (018.337). Prerequisite: a grade of "C" or better in ECON 2010 or ECON 2451 or the former ECON 2450 (018.245) or the former ECON 2700 (018.270).

ECON 3376 Taxation, Tax Policy and Inter-government Public Finance Issues Cr.Hrs. 3 0.0 A study of the principles of taxation, tax policy in Canada and elsewhere, government deficit and debt issues and fiscal federalism with emphasis on inter-governmental finance issues. Students may not hold credit for both ECON 3376 and the former ECON 3370 (018.337). Prerequisite: a grade of "C" or better in ECON 2010 or ECON 2451 or the former ECON 2450 (018.245) or the former ECON 2700 (018.270).

ECON 3392 An Introduction to Development Economics Cr.Hrs. 3 0.0 The definition and major challenges of development and an introduction to theories of growth and development. Students may not hold credit for both ECON 3392 and the former ECON 3390 (018.339). Prerequisite: [a grade of "C" or better in ECON 2010 or ECON 2451 or the former ECON 2450 (018.245) or the former ECON 2700 (018.270)] and [a grade of "C" or better in ECON 2020 or ECON 2471or the former ECON 2470 (018.247) or the former ECON 2800 (018.280)] or written consent of instructor.

ECON 3394 Development Economics: Problems and Policies Cr.Hrs. 3

O.0 Processes and problems of development policies to accelerate change. Economic relations between developed and developing regions. Students may not hold credit for both ECON 3394 and the former ECON 3390 (018.339). Prerequisite: [a grade of "C" or better in ECON 2010 or ECON 2451 or the former ECON 2450 (018.245) or the former ECON 2700 (018.270)] and [a grade of "C" or better in ECON 2020 or ECON 2471 or the former ECON 2470 (018.247) or the former ECON 2800 (018.280)] and [a grade of "C" or better in ECON 3392 or ECON 2630 (018.263)] or written consent of instructor.

ECON 3640 Economics of the Financial System Cr.Hrs. 3 0.0 (Formerly 018.364) Flows of funds through the financial system; savings and investment and asset choices of households and firms; intermediation by financial institutions; arbitrage between and within countries, government financial policy, with special reference to Canada.

Students may not hold credit for ECON 3640 (018.364) and any of: ECON 3641 or FIN 3460 (009.346). Prerequisite: a grade of "C" or better in one of: ECON 2010 or ECON 2451 or ECON 3010 or ECON 2461 or the former ECON 2450 (018.245) or the former ECON 2460 (018.246) or the former ECON 2700 (018.270) or the former ECON 3700 (018.370).

ECON 3650 Monetary Macroeconomics and Policy Cr.Hrs. 3 0.0 (Formerly 018.365) Demand for and supply of money; term structure of interest rates; tools of central banking; design and conduct of monetary policy. Students may not hold credit for both ECON 3650 (018.365) and ECON 3651. Prerequisite: a grade of "C" or better in one of: ECON 2020 or ECON 2471 or ECON 3020 or ECON 2481 or the former ECON 2470 (018.247) or the former ECON 2480 (018.248) or the former ECON 2800 (018.280) or the former ECON 3800 (018.380).

ECON 3670 International Trade Cr.Hrs. 3

0.0

(Formerly 018.367) A study of the theory of international trade and modern trade issues including the effect of economic integration on growth, distribution, national policy and the environment. Prerequisite: a grade of "C" or better in one of: ECON 2010 or ECON 2451 or the former ECON 2450 (018.245) or the former ECON 2700 (018.270). ECON 3010 or ECON 2461 or the former ECON 2460 (018.246) is recommended.

ECON 3680 International Finance Cr.Hrs. 3

0.0

(Formerly 018.368) A study of the theory of international financial markets and issues in open economy macroeconomics focusing on the balance of payments, exchange rates and the effects of international financial integration on national economies. Prerequisite: a grade of "C" or better in one of: ECON 2020 or ECON 2471 or the former ECON 2470 (018.247) or the former ECON 2800 (018.280). ECON 3020 or ECON 2481 or the former ECON 2480 (018.248) is recommended.

ECON 3720 Urban and Regional Economics and Policies Cr.Hrs. 3 0.0 (Formerly 018.372) An introduction to the study of the determinants of the spatial distribution of economic activity among urban centres and regions. Particular attention will be paid to such contemporary Canadian problems as regional disparities, urban and environmental decay, and urban renewal, and the policy issues involved in dealing with these problems. Prerequisite: a grade of "C" or better in ECON 2010 or ECON 2451 or the former ECON 2450 (018.245) or the former ECON 2700 (018.270).

ECON 3742 Industrial Organization and Firm Strategy Cr.Hrs. 3 0.0 Market structure and firms' strategic decisions will be analyzed. Topics may cover monopoly pricing strategies such as price discrimination; non-pricing strategies such as advertising, quality decisions and differentiated products; dynamic oligopoly models; mergers; anti-competitive behaviour; and auctions. This course assumes students have a sound background in economic theory, as well as single-variable calculus and basic statistics. Students may not hold credit for both ECON 3742 and the former ECON 3740 (018.374). Prerequisite: [a grade of "C" or better in ECON 2010 or ECON 2451 or the former ECON 2450 (018.245) or the former ECON 2700 (018.270)] or written consent of instructor.

ECON 3810 Alternative Approaches to Macroeconomic Analysis Cr.Hrs. 3 0.0 (Formerly 018.381) A survey of Post-Keynesian, Cambridge, Marxian, and institutionalist approaches to macroeconomic fluctuations, contrasting their theoretical and policy frameworks with those of mainstream macroeconomics. Prerequisite: a grade of "B" or better in ECON 2020 or ECON 2471 or the former ECON 2470 (018.247) or the former ECON 2800 (018.280).

ECON 4430 Theories of Economic Development Cr.Hrs. 6 0.0 (Formerly 018.443) A study of theories, problems, and policies of economic growth and development both for advanced and underdeveloped countries. Prerequisite: written consent of department head. ECON 2020 (or the former ECON 2800 (018.280)) and ECON 3020 (or the former ECON 3800 (018.380)) are recommended but not required.

ECON 4820 Workshop on Canadian Economic Policy Cr.Hrs. 6
(Formerly 018.482) In depth examination of policy issues on selected topics such as unemployment, inflation, International trade, transfer payments, health care, the environment. A major research paper will be expected of all students. Students may not hold credit for ECON 4820 (018.482) and any of: ECON 4822 or the former ECON 4830 (018.483). Prerequisite: [a grade of "C" or better in each of ECON 2040 (or the former ECON 3170 (018.317)) and ECON 3040 (or the former ECON 3180 (018.318))] and [a grade of "C" or better in ECON 2010 (or ECON 2451 or the former ECON 2450 (018.245) or the former ECON 2700 (018.270)] and [a grade of "C" or better in ECON 3010 (or ECON 2461 (018.246) or the former ECON 2460 or the former ECON 3700 (018.370))] and [a grade of "C" or better in ECON 2020 (or ECON 2471 (018.247) or the former ECON 2470 or the former ECON 2800 (018.280))] and [a grade of "C" or better in ECON 3020 (or ECON 2481 (018.248) or the former ECON 2480 or the former ECON 3800 (018.380))]. Registration is restricted to students who have formally declared an Advanced Major in Economics or Honours Economics.

NET CHANGE IN CREDIT HOURS: -24.0

Program modifications:

Proposed modifications to the following are outlined on the next pages:

- Bachelor of Arts (General Major) in Economics
- Bachelor of Arts (Single Advanced Major) in Economics
- Bachelor of Arts (Single Honours) in Economics
- Bachelor of Arts (Double Honours) in Economics
- Minor (Concentration) in Economics
- Program Notes

Overview of Proposed Economics Undergraduate Program Changes

Undergraduate programs in the Department of Economics were reviewed during 2011-12 in accordance with Senate's policy on the periodic review of academic programs. The Report of the Review Team, which was received in late March 2012, consisted of two categories of recommendations: some concerned with the administration of our undergraduate programs and others focused on the academic content of our courses and programs. These recommendations were considered by the Economics Department Council at several meetings during 2012-13. Based on those discussions, the Department Council approved revisions of our undergraduate programs, all of which were accepted by the Faculty of Arts' Course and Program Approval Committee (CPAC) at its meeting in August 2014.

Our proposed revisions are of two general sorts:

- We have updated and reorganized our core theory and methodology courses, and we have modified and deleted/introduced several elective courses. Overall, we propose the deletion of 75 credit hours and the introduction of 51 credit hours. All required microeconomic and macroeconomic theory courses have been thoroughly revised. All intermediate and advanced theory courses required in our Honours and Advanced Major programs will now have calculus as a prerequisite. We have refreshed and updated our mathematical economics courses and we have expanded our course offerings in econometrics. We have added new 4000-level courses in theory and in methodology that will challenge and engage our Honours and Advanced Major students. These revisions ensure that our theory and methodology courses are consistent with undergraduate economics programs elsewhere and that our students will enjoy wide choice in their elective courses.
- We have revised our Honours, General Major, and Advanced Major programs to ensure that graduates are adequately prepared for employment or postgraduate studies. In general, the revised programs require students to complete more courses in economic theory and/or economic methodology than are now required. (See summary in the table below.) One important aspect of these program revisions is the elimination of the current Honours program's separate microeconomic (ECON 2700 and ECON 3700) and macroeconomic courses (ECON 2800 and ECON 3800). This not only saves instructional resources but also permits greater flexibility for students to join the Honours program later in their studies.

| PROGRAM | COURSES REQUIRED IN NEW BUT NOT IN OLD PROGRAM |
|-----------------------|---|
| | |
| Honours Single | ECON 2030 Mathematical Economics 1; ECON 3030 Mathematical Economics 2; |
| | ECON 4010 Advanced Microeconomic Theory; ECON 4020 Topics in Advanced |
| | Macroeconomic Theory; ECON 4040 Intermediate Econometrics |
| | |
| Honours Double | ECON 2030 Mathematical Economics 1 |
| | |
| Single Advanced Major | ECON 2030 Mathematical Economics 1 |
| | |
| General Major | ECON 2040 Quantitative Methods in Economics |
| | |
| Minor (Concentration) | None |

| | | Deal Control | |
|------------------|--------------------------------------|--------------------------|--|
| New Course | | kepiacement | |
| Number | New Course Name | for Old Course Number | Essential Differences between New and Old Courses |
| ECON 2010 | Microeconomic Theory 1 | ECON 2450 | Modest changes to align subject content with contemporary textbooks. |
| ECON 2020 | Macroeconomic Theory 1 | ECON 2470 | Modest changes to align subject content with contemporary textbooks. |
| ECON 2030 | Mathematical Economics 1 | ECON 2530 | Modest changes to align subject content with contemporary textbooks. |
| ECON 2040 | Quantitative Methods in Economics | ECON 3170 | Modest changes to align subject content with contemporary textbooks. |
| ECON 3010 | Microeconomic Theory 2 | ECON 2460 | Modest changes to align subject content with contemporary textbooks. Mandatory use of calculus throughout the course. |
| ECON 3020 | Macroeconomic Theory 2 | ECON 2470- | Modest changes to align subject content with contemporary textbooks. Mandatory use of calculus throughout the course. |
| ECON 3030 | Mathematical Economics 2 | ECON 3730 | Modest changes to align subject content with contemporary textbooks. |
| ECON 3040 | Introduction to Econometrics | ECON 3180 | Modest changes to align subject content with contemporary textbooks. |
| ECON 4010 | Advanced Microeconomic | Additional New | A new course recommended by the Program Review Report. This is an intensive |
| | Theory | Course | study of modern microeconomic theory as contained in advanced |
| | | | contemporary textbooks such as that by Hal Varian |
| ECON 4012 | Topics in Advanced | ECON 4480 | A topics course, one example of which is "Game Theory" currently offered as FCON 4480 |
| ECON 4020 | Topics in Advanced | Additional New | A new course recommended by the Program Review Report. This is a topics |
| | Macroeconomic Theory | Course | course in advanced modern macroeconomic theory, one example of which is |
| | • | | "Growth Theory", which has been offered in recent years under ECON 4490, Special Studies |
| ECON 4040 | Seminar in Applied | ECON 4120 | Changes in content to bring the course up to contemporary standards and to be |
| | Econometrics | | consistent with the coverage of leading textbooks. |
| ECON 4042 | Topics in Econometrics | ECON 4130 | Changes in content to bring the course up to contemporary standards and to be consistent with the coverage of leading textbooks. |
| ECON 4050 | History of Economic Thought 1 | ECON 4410 | This new half course is simply the first term of the existing full year course. |
| ECON 4052 | History of Economic Thought 2 | ECON 4410 | This new half course is simply the second term of the existing full year course. |
| ECON 4822 | Economic Research and | ECON 4830 | The new full-year course updates and modifies significantly the existing full- |
| | Communication | | year course |

Economics

 Modification of Economics General Major, Single Advanced Major, Minor (Concentration), Single Honours, Double Honours and Program Notes

Added material

Deleted material

8.9.1 Program Information

Major Program

For entry to the General or Advanced Major, the prerequisite is a grade of "C" or better in both ECON 1010 and ECON 1020, or both ECON 1210 and ECON 1220, or the former ECON 1200. For students who have taken additional courses toward the Major, then a minimum cumulative GPA of 2.00 is required on all courses including the higher grade of repeated courses and excluding failed courses.

A minimum cumulative GPA of 2.00 in all courses that comprise the Major is required to graduate including the higher grade of repeated courses and excluding failed courses.

Minor (Concentration) Program

For entry to the Minor (Concentration), the prerequisite is a grade of "C" or better in both ECON 1010 and ECON 1020, or both ECON 1210 and ECON 1220, or the former ECON 1200.

Honours Program

For entry to the Honours program, see <u>Section 3: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree</u> Programs.

It is recommended that students complete ECON 2800, ECON 3800, and ECON 3810 before attempting ECON 4430.

Where it appears appropriate, a senior Honours student may be allowed to substitute a graduate course for an undergraduate course in Economics.

Honours students are advised to select their ancillary options from the following disciplines: Geography, History, Mathematics, Political Studies, Statistics, Sociology and Philosophy. However, other fields may be selected to satisfy study or career interests.

Preparation for Graduate Studies

Honours students contemplating graduate work should normally seek to obtain a good background in both mathematics and statistics it is strongly recommended that they take ECON 2530 Introduction to Mathematical Economics and scriously consider ECON 3730 Topics in Mathematical Economics. For a good statistics background, ECON 4120 Intermediate Economicries and ECON 4130 Seminar in Economic in combination with some basic statistics courses are highly desirable. Such students are also advised to include at least one course in economic history in their program. These, or equivalents, are required of doctoral candidates at the University of Manitoba.

Students contemplating graduate work are advised to complete the Honours program where they will obtain good background knowledge of mathematics, statistics, and econometrics, as well as core theory courses in economics. Students who have not completed the Honours program must, at a minimum, seek to obtain good background in both mathematics and statistics by taking the 3000 level Mathematical Economics and 4000 level Micro, Macro and Econometrics courses required in the Honours program.

Other

No student may hold credit for more than six credit hours from the following: ECON 2450(3), ECON 2460(3), ECON 2700(3), ECON 3700(3). No student may hold credit for more than six credit hours from the following: ECON 2470(3), ECON 2480(3), ECON 2800(3), ECON 3800(3).

Combinations of courses for the Major, Minor and Honours programs, other than those listed below, may be permitted by written consent of the department head. Similarly, Honours courses may be taken by students in the General Major or Advanced Major programs with the written consent of the instructor and the department head; an average grade of "B" in all Economics courses is normally required before such consent may be given.

Students may offer the cross-listed courses ABIZ 2390 Introductory Environmental Economics (same as ECON 2390), ABIZ 3080 Introduction to Econometrics (same as ECON 3180), and ABIZ 4120 Intermediate Econometrics (same as ECON 4120) toward any of the above programs.

For information regarding the Canadian Studies program, see Section 8.3; for the Central and East European Studies program, see Section 8.5.

8.9.2 Economics

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | | |
|--|--|--|---------------------------------|--|--|
| GENERAL MAJOR ^{1, 2} TOTAL: 30 | CREDIT HOURS | | | | |
| Both ECON 1010 and ECON 1020, or both ECON 1210 and | • ECON 2450 ² , ECON 2470 ² | | | | |
| ECON 1220, or the former | • ECON 2010, ECON 2020, ECON 2040 | | | | |
| | An additional 15 18-credit hou 2000 level or higher, of which at courses numbered at the 3000 level. | | | | |
| SINGLE ADVANCED MAJOR-1 | TOTAL: 48 CREDIT HOURS | | | | |
| ● Both ECON 1010 and ECON 1020, or both ECON 1210 and | • ECON 2450 ^{3,4,} ECON 2460 ^{3,4} , E | ECON 2470 ^{3,4} , ECON 2480 ^{3,4} , ECO | 1 3170⁴, ECON 3180 ⁴ | | |
| ECON 1220 _T or the former ECON 1200 ⁸ • ECON 4820 ⁴ or ECON 4830 ⁴ | | | | | |
| • MATH 1500 or MATH 1520 | | | | | |
| | ECON 2010, ECON 2020, ECON 2030, ECON 2040 | ECON 3010, ECON 3020, ECON 3040 | ECON 4822 | | |
| | An additional 18-12 credit hours | in Economics numbered at the 20 | 00 level or higher | | |
| MINOR (CONCENTRATION)-1 | TOTAL: 18 CREDIT HOURS | | | | |
| Both ECON 1010 and ECON 1020, or both ECON 1210 and ECON 1220 , or the former ECON 1220 ⁸ | An additional 12 credit hours in E 2000 level or higher | Economics <u>numbered at the</u> | | | |
| SINGLE HONOURS 4.5, 6, 7, 9, 10 | | | | | |
| Both ECON 1010 and ECON 1020, or both ECON 1210 and | • 54 credit hours in Economics of | courses, to include the following: | | | |
| ECON 1220 , or the former ECON 1200 ⁸ | — ECON 2700, ECON 2800, ECON | N 3700, ECON 3800, ECON 3810, | ECON 4410 | | |
| • MATH 1500 or MATH 1520 | — One of the following combinati | ions: ECON 3170 and ECON 3180; | ECON 4120 and ECON 4130 | | |
| | • 6 credit hours from the following MATH 1510, MATH 1520, MATH 152 | ing Mathematics courses: MATH 1: 1690, MATH 1700, MATH 1710 | 300, MATH 1310, MATH 1500, | | |
| ECON 2010, ECON 2020, ECON 5010, ECON 3020, ECON 4010, ECON 4050, ECON 3030, ECON 3040, ECON 3810 4040, ECON 4050, ECON 4 | | | | | |
| | A further 27-<u>24</u> credit hours in Economics, of which no more than 6 additional hours can be from courses numbered at the 2000 level (other than ECON 2530) and at least 6 additional hours must be from courses numbered at the 4000 level | | | | |
| | 24 credit hours in ancillary opt | tions ⁵ | | | |

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | |
|---|---|--|---------------------------|--|
| DOUBLE HONOURS 3.4.5, 5.27-9, 10 | | | | |
| ● Both ECON 1010 and ECON 1020, or both ECON 1210 and ECON 1220, or the former ECON 1220 ⁸ | 36 credit hours in Economics of ECON 2700, ECON 2800, ECON | | | |
| • MATH 1500 or MATH 1520 | - One of the following combinat | tions: ECON 3170 and ECON 3180 | ; ECON 4120 and ECON 4130 | |
| | - ECON 2010, ECON 2020, ECON 2030, ECON 2040, ECON 3010, ECON 3020, ECON 3040 | | | |
| | | n Economics, of which no more th 000 level -(other than ECON 2530) at the 4000 level | | |
| | At least 36 credit hours in other | er Honours field | | |
| | At least 6 credit hours in ancil | lary options ^s | | |
| | At least 12 credit hours in free | e options ⁶ | | |

NOTES:

*For the purposes of satisfying program requirements in the Major, Advanced Major and Minor (Concentration) programs, and of satisfying course prerequisites, Honours courses are accept able as substitutes for general courses according to the following schedule: ECON 2700 for ECON 2450; ECON 3700 for ECON 2460; ECON 2400 for ECON 2470; ECON 3800 for ECON 2480. For each pair, students may hold credit for only one course.

L²In cases where students have been granted three hours of unallocated transfer credit in Economics at the 1000 level, and have achieved additional credits in Economics from The University of Manitoba, and wish to declare Economics as a General Major without having full credit in <a href="tel:the top://linearchy.org/line

² Students in the General Major may choose to apply for admission to the Single Advanced Major, Single Honours or Double Honours programs in Economics. Such students are recommended to take MATH 1500 or MATH 1520 as an elective as it is a prerequisite to upper level Economics courses in those programs.

3-Students in the Advanced Major are urged to take ECON 2450, ECON 2460, ECON 2470 and ECON 2480 in Year 2, but must take at least two of these courses in Year 2.

*Course ECON 4820 or ECON 4830 may not be taken until the final year of the program and only after students have successfully completed ECON 3170 and ECON 3180, plus all of the following: ECON 2450, ECON 2460, ECON 2470, ECON 2480. A grade of "C" or better in each course is required.

⁵For the purpose of satisfying program requirements in the Honours programs and of satisfying course prerequisites, General theory courses are acceptable substitutes for Honours theory courses according to the following schedule: As substitute for ECON 2700, ONE of the following conditions must be satisfied: (i) grades of 8 or better in each of ECON 2450 and ECON 2450; (ii) a grade of A or better in ECON 2450. As substitute for ECON 2800, ONE of the following conditions must be satisfied: (i) grades of 8 or better in each of ECON 2470 and ECON 2480; (ii) a grade of A or better in ECON 2470.

⁶To meet a minimum required background in mathematics, Single Honours students must complete 6 credit hours in Mathematics in Year 2 (or Year 3 with departmental approval). Students contemplating entering the Single Honours Program in Economics are advised to take the Mathematics requirement in their first year of studies. Students contemplating graduate work in Economics should refer to the notes above "Preparation for Graduate Studies."

2.3-Students contemplating Double Honours in Economics and Mathematics <u>or Economics and Statistics</u> are <u>referred to the Economics-Mathematics Joint Honours Program or the Economics-Statistics Joint Honours Program.</u> <u>advised to consult the Department of Economics for specific details.</u>

Students contemplating graduate work in Economics should refer to the notes above under "Preparation for Graduate Studies".

^{*}A maximum of 6 credit hours at the 1000 level may be used towards a Major, Minor (Concentration) or Honours Program.

^{5.9} Ancillary options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding Economics courses), courses taken from outside the Honours field of study.

⁶ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including Economics courses).

²⁴⁹ Honours courses: ECON 2700, ECON 2800, ECON 3700, ECON 3800, ECON 3030, ECON 3810 and all 4000 level courses.

English, Film, and Theatre

Modification:

ENGL 2000 Intermediate Writing and Research Cr.Hrs. 6 0.0 (Formerly 004.200) Designed to teach students how to read, write, and research at the university level, this course stresses effective expository writing, prose reading, and research skills. There is no prerequisite for this course. Students may not hold credit for both ENGL 2000 (004.200) and ENGL 2001 (004.200). NOTE: Credit in ENGL 2000 (004.200) is acceptable toward a degree in Arts or Science, but does not satisfy the humanities requirement in the Faculty of Arts. It may not be offered for credit in the 30 hours for a Major (General) or the 18 hours for a Minor but may be offered for credit in the 48 hours for the Major (Advanced).

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications:

Proposed modifications to the Program Notes, which relate to the following programs, are outlined on the next pages:

- Bachelor of Arts (General Major) in English
- Bachelor of Arts (Single Advanced Major) in English
- Bachelor of Arts (Double Advanced Major) in English
- Bachelor of Arts (Single Honours) in English
- Bachelor of Arts (Double Honours) in English

English, Film, and Theatre - English - Modification to English Program Notes

Added material Deleted material

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | | |
|---|--|---|---|--|--|
| GENERAL MAJOR ^{1, 2, 4} TOT | GENERAL MAJOR ^{1, 2, 4} TOTAL: 30 CREDIT HOURS | | | | |
| ENGL 1200 or ENGL 1300 or both ENGL 1400 (or the former ENGL 1310) and ENGL 1340 | 24 credit hours in general courses at the 2000 level and above to include at least 9 credit hours of literature prior to 1900 ⁴ [of the credit hours listed above, at least 6 credit hours must be at the 3000 level]. | | | | |
| SINGLE ADVANCED MAJOR ^{1, 2,-4, 9} TOTAL: 48 CREDIT HOURS | | | | | |
| ENGL 1200 or ENGL 1300 or both ENGL 1400 (or the former ENGL 1310) and ENGL 1340 | 42 credit hours in general courses ³ at the 2000 level and above to include at least 15 credit hours of literature prior to 1900 ⁴ [of the credit hours listed above, at least 9 credit hours must be at the 3000 level]. | | | | |
| DOUBLE ADVANCED MAJO | OR ^{1, 4, 9} TOTAL: 42 CREDIT HOUR | 'S | | | |
| ENGL 1200 or ENGL 1300 or both ENGL 1400 (or the former ENGL 1310) and ENGL 1340 36 credit hours in English at the 2000 level and above to include at least 12 credit hours of literature prior to 1900 [of the credit hours listed above, at least 9 credit hours must be at the 3000 level]. | | | | | |
| MINOR (CONCENTRATIO | N) ^{2, 4} TOTAL: 18 CREDIT HOURS | | | | |
| ENGL 1200 or ENGL 1300 or both ENGL 1400 (or the former ENGL 1310) and ENGL 1340 | 12 credit hours in general courses at the 2000 level and above to include at least 6 credit hours of literature prior to 1900 [of the credit hours listed above, at least 3 credit hours must be at the 3000 level]. Students may not offer literature in translation courses ⁴ to satisfy the requirements of the Minor (Concentration). | | | | |
| SINGLE HONOURS 1, 4, 5, 7, 8 | SINGLE HONOURS ^{1_4, 5-7-8} | | | | |
| ENGL 1200 or ENGL 1300 or both ENGL 1400 (or the former ENGL 1310) and ENGL 1340 | prior to 1700 selected from 2090, ENGL 3000, ENGL 30° ENGL 3180 ^{5.6} | re prior to 1900 ⁴ , of which 12 cred the following English courses: ENG 10, ENGL 3020, ENGL 3030, ENGL n literature, selected from the follo | GL 2070, ENGL 2080, ENGL . 3050, ENGL 3080, ENGL 3090, | | |
| | | | | | |
| | • 12 credit hours in other literature after 1900, selected from the following English courses: ENGL 2160, ENGL 2180, ENGL 2830, ENGL 3980, ENGL 3990 ^{5.6} | | | | |
| | 9 credit hours in other English courses at the 2000 level and above [of the credit hours listed above, at least 9 credit hours must be at the 3000 level]. | | | | |
| 9 credit hours in Honours courses (4000 level) in Years 3 and 4. Honours courses that double-numbered with a graduate course will be limited to fourth-year Honours students | | | | | |
| • 24 credit hours in ancillary options ⁶ | | | | | |

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

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

- ENGL 2640 (in Year 2)
- 18 credit hours of literature prior to 1900⁴
- 6 credit hours in other English courses at the 2000 level and above [of the credit hours listed above, at least 6 credit hours must be at the 3000 level].
- 6 credit hours in Honours courses (4000 level). Honours courses that are double-numbered with a graduate course will be limited to fourth-year Honours students.
- 36 credit hours in second honours field
- · 6 credit hours in ancillary options6
- 12 credit hours in free options²

NOTES:

¹ Students may offer up to 6 credit hours in Film Studies or Theatre courses, with the exception of FILM 1290, FILM 1310 (or the former FILM 1300), THTR 1220, THTR 2170, THTR 2180 and THTR 2490, toward both-the General Major, and Single Advanced Major, Double Advanced Major and Single Honours in English. Any Film Studies or Theatre courses so applied may not also be offered toward a Minor (Concentration) in Film Studies or Theatre.

² Film Studies course FILM 2280 may be used as an English course to satisfy the English course requirements. If it is used as such, it may not also be applied to a Minor (Concentration) in Film Studies or as an ancillary option in Honours.

³ Credit in ENGL 2000 may be offered toward the 48 hours in general courses required for a Single Advanced Major only.

⁴ Students may offer up to 6 credit hours of literature in translation courses (ENGL 2490, CLAS 2612, CLAS 2622, ICEL 3320, ICEL 3330) to satisfy requirements for a General Major, Single Advanced Major, Double Advanced Major, Single Honours or Double Honours. Students may offer up to 3 credit hours of literature in translation courses to satisfy the "literature prior to 1900" requirement for a General Major, Single Advanced Major, Double Advanced Major, Single Honours or Double Honours. Students may not offer literature in translation courses to satisfy the requirements for a Minor (Concentration).

⁵Film and Theatre courses, other than Introductory (1000 level), may be used for credit towards an Single Honours program.

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

6.7 Ancillary options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding English courses), courses taken from outside the Honours field of study.

⁷ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including English courses).

⁸ Honours courses: all 4000 level courses.

⁹ It is recommended that students complete a six credit hour theory course, specifically ENGL 2640.

French, Spanish and Italian

Program modifications

Program modifications to the following are outlined on the next pages:

- Bachelor of Arts (Single Honours) in French
- Program Notes for Bachelor of Arts (Single Honours) in French
- List A, courses eligible for credit in Italian Studies, which relates to the following programs –
 - Bachelor of Arts (General Major) in Italian Studies
 - Bachelor of Arts (Single Advanced Major) in Italian Studies

French, Spanish and Italian - French

Modification of Single Honours and Program Notes

Added material

Deleted-material

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|--------------------------------------|--|---|--|
| SINGLE HONOURS ^{1, 2, 3, 4} | | | |
| FREN 1190 or FREN 1200 | • FREN 2660, FREN 2870, FREN 2910 | • FREN 3100, FREN 3500, FREN 3870, FREN 3910 | • FREN 4710 or FREN 4730 |
| | • FREN 3140 | • FREN 2680 or FREN 2720 | 9 additional credit hours of French courses numbered at the 4000 level |
| | FREN 2740 or FREN 3160 3 credit hours of French language or civilization | 3 credit hours of French language or civilization courses numbered at the 2000 or 3000 level | 6 additional credit hours of French courses numbered at the 3000 or 4000 level |
| | courses numbered at the 2000 or 3000 level | • 6 credit hours of free options ³ | • 6 credit hours of free options ³ |
| | • 12 credit hours of ancillary options ² | • 6 credit hours of ancillary options ² | 6 credit hours of ancillary options² |

NOTES:

 $^{^{1}}$ Students in Year 2 will normally take courses numbered at the 2000 level and students in Year 3 will normally take courses numbered at the 3000 level.

² Ancillary options are <u>to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding French courses), courses taken from outside the Honours field of study.</u>

³ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including French courses).

^{4.3} Honours courses: all 4000 level courses.

French, Spanish and Italian - Italian Studies

Modification of List A

Added material

Deleted-material

8.11.1 Italian Studies

| List A Faculty of A | rts | | LATN 3880 History | Poetry of the Silver Age | 3 |
|------------------------|--|---|----------------------|--|-------------|
| Italian | | | HIST 2350 | Europe 1789-1870 (E) | 3 |
| ITLN 3050 | Italian Through Literature | 3 | HIST 2360 | Europe 1870 to the Present (E) | 3 |
| ITLN 3060 | Italian Through Film | 3 | HIST 2370 | History of Europe since the French | 6 |
| ITLN 3760 | Italian Translation Workshop | 3 | | Revolution (E) | |
| ITLN 3770 | Modern Italian Usage | 3 | HIST 2900 | Topics in Social History (G) (when | 6 |
| Classics | • | | | taught as "Topic: Italy") | |
| CLAS 1280 | Introduction to Ancient Roman Culture | 3 | HIST 3120 <u>*</u> | | 3 |
| CLAS 2160 | Roman History: The Roman Republic, 753-30 BC | 3 | HIST 3136 | History of Medieval Italy, 568-1300 (D) | 3 |
| CLAS 2170 | Roman History: The Roman Empire, 30 BC-AD 337 | 3 | HIST 3138 | History of Medieval Italy, 1300-1500 (D) | 3 |
| CLAS 2622 | Latin Literature in Translation | 3 | HIST 3140 | Medieval Italy (D) | 6 |
| CLAS 2680 | Roman Art and Archaeology | 3 | HIST 3270* | Roman Law in Medieval Europe (D) | 3 |
| CLAS 3620* | Latin Literature in Translation | 3 | HIST 3680 | Europe, 1870-1945 (E) | 6 |
| 003.261* | Roman History | 6 | HIST 3682 | Europe 1870-1918 (E) | 6 3 3 |
| LATN 1080 | Introduction to the Reading of Latin 1 | | HIST 3684 | Europe 1918-1945 (E) | |
| LATN 1090 | Introduction to the Reading of Latin 2 | 3 | HIST 4530* | Europe, 1870-1914 (E) | 6 |
| LATN 1320 | Intermediate Readings in Latin | 3 | School of Ar | t | |
| LATN 2720 | Selected Readings in Republican and Augustan Poetry | 3 | FAAH 2060 | Medieval to Early Renaissance Art and Architecture | 3 |
| LATN 2740 | Selected Readings in Republican and Augustan Prose | 3 | FAAH 2070 | Renaissance to Baroque Art and Architecture | 3 |
| LATN 2780 | History of the Latin Language | 3 | FAAH 3130 | Topics in Medieval Art and | 3 |
| LATN 2800 | Readings in Medieval or Renaissance | 3 | | Architecture | |
| | Latin | | FAAH 3140 | Topics in Renaissance and Baroque | 3 |
| LATN 3740 | Roman Comedy | 3 | | Art and Architecture | |
| LATN 3760 | Orations of Cicero | 3 | Marcel A. De | sautels Faculty of Music | |
| LATN 3780 | Roman Satire | 3 | MUSC 1070 | | 3 |
| LATN 3800 | Lyric and Elegiac Poetry of the | 3 | MUSC 1080 | History of Music 2 | 3 |
| | Augustan Age | | MUSC 3100 | Opera Repertoire | 3 |
| LATN 3820 | Virgil's Aeneid | 3 | * Indicates co | urse no longer offered. | |
| LATN 3840 | Virgil's Eclogues and Georgics | 3 | | | |
| LATN 3860 | The Roman Historians | 3 | | | |

German and Slavic Studies

Deletions:

| GRMN 4640 Special Topics 1 Cr.Hrs. 3 | -3.0 |
|--------------------------------------|------|
| GRMN 4650 Special Topics 2 Cr.Hrs. 3 | -3.0 |

Introductions:

GRMN 2500 Special Topics in German in English Translation (C) Cr.Hrs. 3 +3.0 Language of instruction: English. Topics dealing with German literature and culture. Course content will vary from term to term depending on the interests and needs of students and staff. Students may take this course more than once for credit.

GRMN 2510 German Fairy Tales from the Brothers Grimm to Hollywood (C) Cr.Hrs. 3 +3.0 Language of Instruction: English. Study of the German fairy tales with a specific emphasis on the "folk fairy tales" collected by the Brothers Grimm and their adaptations in the 20th and 21st centuries in film (Disney, DEFA, among others), literature, and music. The course familiarizes students with the historical, cultural, and national contexts of the original fairy tales, and trains students in different approaches to understanding those fairy tales (gender, psycho-analysis, child developmental psychology, horror, and others).

GRMN 4660 Special Topics in German (B) Cr.Hrs. 3 +3.0 Language of instruction: German. The specific content of this course will vary from year to year. A description of the course is available in advance at the Department Office. Prerequisite: written consent of department head. As the course content will vary from year to year, students may take this course more than once for credit.

GRMN 4670 Special Topics in German in English Translation (C) Cr.Hrs. 3 +3.0 Language of instruction: English. The specific content of this course will vary from year to year. A description of the course is available in advance at the Department Office. Prerequisite: written consent of department head. As the course content will vary from year to year, students may take this course more than once for credit.

Modifications:1

| GRMN 1120 Beginning German (A) Cr.Hrs. 6 | 0.0 |
|--|-----|
| GRMN 1300 Masterpieces of German Literature in English Translation (C) Cr.Hrs. 3 | 0.0 |
| GRMN 1310 Love in German Culture in English Translation (C) Cr.Hrs. 3 | 0.0 |
| GRMN 2100 Intermediate German (A) Cr.Hrs. 6 | 0.0 |
| GRMN 2120 Introduction to German Culture from 1918 to the Present (C) Cr.Hrs. 3 | 0.0 |

Language of instruction: English. An introduction to the culture of contemporary German-speaking countries; analyzes literature and other cultural forms since the end of World War I,

¹ The full course description is not provided where the addition of the course Category – A, B, or C – to the course title is the only modification made to a course. In these instances, only the revised course title is provided.

including the Weimar Republic, the Third Reich and the Holocaust, divided Germany, Re-Unification, and the European Union.

GRMN 2130 Introduction to German Culture from the Beginnings to 1918 (C) Cr.Hrs. 3

0.0

0.0

Language of instruction: English. An Introduction to the culture of the German-speaking countries from the Romans to the end of World War I; analyzes literature and other cultural forms and their relation to the rise of the German Nation in the 19th century and its first "fall" in the 20th century. GRMN 2140 Exploring German Literature (B) Cr.Hrs. 3 0.0 GRMN 2480 Special Topics in German (B) Cr.Hrs. 3 0.0 (Formerly 008.248) Language of instruction: German. Topics dealing with German literature and culture. Course content will vary from year to year depending on the interests and needs of students and staff. Prerequisite: [a grade of "C" or better in GRMN 2100 (008.210) or GRMN 2101 (008.210) or GRMN 3200 (008.320) or GRMN 3201 (008.320)] or written consent of department head. As the course content will vary from year to year, students may take this course more than once for credit. GRMN 3200 Deutsche Sprachpraxis 1 (A) Cr.Hrs. 6 0.0 GRMN 3220 Deutsche Sprachpraxis 2 (A) Cr.Hrs. 3 0.0 GRMN 3230 Business German (A) Cr.Hrs. 3 0.0 GRMN 3232 Introduction to German Translation (A) Cr.Hrs. 3 0.0 GRMN 3240 German Enlightenment and Classicism (B) Cr.Hrs. 3 0.0 Language of instruction: German. A study of selected texts of the German Enlightenment and Classicism, including works by Lessing, Schiller, Goethe and others; advanced language practise. Prerequisite: [a grade of "C" or better in GRMN 2140] or written consent of department head. GRMN 3250 German Romanticism (B) Cr.Hrs. 3 0.0 Language of instruction: German. Study of selected fairy tales, novellas, letters, poetry and other texts by authors such as Novalis, Tieck, E.T.A. Hoffmann, and Kleist; topics discussed include the relationship between Enlightenment and Romanticism, the role of women, the discovery of the uncanny, the role of the fantastic, and romantic vampires, advanced language practise. Prerequisite: [a grade of "C" or better in GRMN 2140] or written consent of department head. GRMN 3260 Representations of the Holocaust (B) Cr.Hrs.3 0.0 GRMN 3262 Representations of the Holocaust in English Translation (C) Cr.Hrs. 3 0.0 GRMN 3270 Studies in Contemporary German Cinema (C) Cr.Hrs. 3 0.0 GRMN 3280 Sex, Gender and Cultural Politics in the German-Speaking World (B) Cr.Hrs. 3 0.0 GRMN 3282 Sex, Gender and Cultural Politics in the German-Speaking World in

English Translation (C) Cr.Hrs. 3

GRMN 3290 History in Literature in German-Speaking Countries (B) Cr.Hrs. 3 0.0 Language of instruction: German. Analyzes how history is represented and remembered in literature and other genres. The course will focus on the representation of one historical period such as the Weimar Republic or the Nazi Third Reich. Please consult the instructor for details on which historical period as it appears in literature will be considered. Prerequisite: [a grade of "C" or better in GRMN 2140] or written consent of department head. GRMN 3390 German Representations of War (C) Cr.Hrs. 3 0.0 GRMN 3392 German Representations of War (B) Cr.Hrs. 3 0.0 GRMN 3500 Special Topics in German (B) Cr.Hrs. 3 0.0 Language of instruction: German. Topics dealing with German literature and culture. Course content will vary from year to year depending on interests and needs of students and staff. Prerequisite: [a grade of "C" or better in GRMN 2140] or written consent of department head. As the course content will vary from year to year, students may take this course more than once for credit. GRMN 3510 Special Topics in German in English Translation (C) Cr.Hrs. 3 0.0 Language of instruction: English. Topics dealing with German literature and culture. Course content will vary from year to year depending on interests and needs of students and staff. Prerequisite: [a grade of "C" or better in a minimum of 30 credit hours of university level coursework] or written consent of department head. As the course content will vary from year to year, students may take this course more than once for credit. GRMN 3530 Special Topics in Comparative German and Slavic Studies (C) Cr.Hrs. 3 0.0 GRMN 4200 Literary and Cultural Theory (C) Cr.Hrs. 3 0.0 GRMN 4210 Survey of Second Language Acquisition and Methods of Language Teaching in German (B) Cr.Hrs. 3 0.0 Language of instruction: German. For advanced undergraduate students with a high proficiency in German who are interested in the learning and teaching of German as a foreign I second language; the course provides a general introduction to theories and approaches in second language acquisition (SLA) and to methods of the teaching of German as a foreign language. This course is not acceptable for credit in a Bachelor of Education program. Prerequisite: written consent of department head. GRMN 4540 Introduction to German Language Structure (B) Cr.Hrs. 3 0.0 Language of instruction: German. An introduction to the scientific study of the German language and to the role of the language teacher in the examination, analysis, and description of the German language. Topics include grammar, word formation, meaning, sound systems, language acquisition and change, and language in society. Prerequisite: written consent of department head. GRMN 4570 Honours Thesis in German Studies (B, C) Cr.Hrs. 3 0.0 The Thesis presents the results of an independent research project supervised by a faculty member. The thesis can be written in German or in English. Prerequisite: written consent of

department head.

0.0

GRMN 4610 Independent Work (B) Cr.Hrs. 3

0.0

(Formerly 008.461). Language of Instruction: German. Each student will work with an instructor to prepare a reading program in an appropriate area and present written assignments as required. Prerequisite: written consent of department head. As the course content will vary from year to year, students may take this course more than once for credit.

RUSN 1300 Introductory Russian Cr.Hrs. 6

0.0

(Formerly 052.130) (Lab required) Three hours of lectures plus one hour of lab per week. Basic grammar, conversation and reading with emphasis on communication skills. Cultural content is introduced through a range of audio-visual materials. Not open to native speakers and students with high school Russian 41G credit. Students may not hold credit for both RUSN 1300 (052.130) and RUSN 1330 (052.133).

RUSN 1330 Introductory Russian 2 Cr.Hrs. 3

0.0

(Formerly 052.133) (Lab required) Three hours of lectures plus one hour of lab per week. Intended for students who have already a knowledge of the alphabet and the sound system, as well as elementary comprehension, communication and writing skills equivalent to those that would be achieved in the first term of RUSN 1300 (052.130). Students may not hold credit for both RUSN 1330 (052.133) and RUSN 1300 (052.130). Prerequisite: successful completion of a placement test administered by the department.

RUSN 2280 Russian Culture until 1900 Cr.Hrs. 3

0.0

(Formerly 052.228) A survey of the Russian cultural heritage from the pre-Christian era to the end of the nineteenth century. Mythology, the arts and literature. Lectures in English. Readings are available in both English translation and in the original.

RUSN 2290 Russian Culture from 1900 to the Present Cr.Hrs. 3

0.0

(Formerly 052.229) Russian culture from the end of the 19th century to the present day. Major developments in Russian art, film and literature. Readings are available in both English translation and in the original.

RUSN 2630 Russian Language Seminar Abroad Cr.Hrs. 3

0.0

(Formerly 052.263) The study of Russian language, literature and culture at an intensive language school in Eastern Europe. Designed for students aiming at near-native fluency. Prerequisite: [a grade of "C" or better in RUSN 1300 (052.130) or RUSN 1330 (052.133)] and written consent of department head.

RUSN 2810 Intermediate Russian Cr.Hrs. 6

0.0

(Formerly 052.281) Grammar review, conversation, translation and reading of selected texts. Development of communication skills through practical exercises. Cultural content is introduced through use of audio-visual and internet materials. Students may not hold credit for both RUSN 2810 (052.281) and RUSN 2820 (052.282). Prerequisite: [a grade "C" or better in RUSN 1300 (052.130) or RUSN 1330 (052.133)] or [Russian 41G] or written consent of department head.

RUSN 2820 Intermediate Russian 2 Cr.Hrs. 3

0.0

(Formerly 052.282) Intended for students who already have basic comprehension, communication and writing skills equivalent to those that would be achieved in the first term of RUSN 2810 (052.281). Students may not hold credit for both RUSN 2820 (052.282) and RUSN

2810 (052.281). Prerequisite: successful completion of a placement test administered by the department.

UKRN 1230 Language Seminar in Ukraine 1 Cr.Hrs. 3

0.0

(Formerly 052.123) The study of Ukrainian language at an intensive language school in Ukraine. The course is designed for students aiming at near-native fluency. Prerequisite: [a grade of "C" or better in UKRN 1310 (052.131) or UKRN 1320 (052.132) (or equivalent)] and written consent of department head.

UKRN 1310 Introductory Ukrainian Cr.Hrs. 6

0.0

(Formerly 052.131) (Lab required) Three hours of lectures plus one hour of lab per week. Basic grammar, conversation, composition and reading. Emphasis is placed on communication skills. Cultural content is introduced through a range of audio-visual materials. Not open to native speakers and students with Ukrainian 40S credit. Students may not hold credit for both UKRN 1310 (052.131) and UKRN 1320 (052.132).

UKRN 1320 Introductory Ukrainian 2 Cr.Hrs. 3

0.0

(Lab required) Three hours of lectures plus one hour of lab per week. This course is intended for students who already have a knowledge of the alphabet and the sound system and elementary oral comprehension and reading, writing, and speaking skills equivalent to those that would be achieved in the first term of UKRN 1310 (052.131). Students may not hold credit for both UKRN 1320 (052.132) and UKRN 1310 (052.131). Prerequisite: successful completion of a placement test administered by the department.

UKRN 2260 Ukrainian Culture Seminar Abroad Cr.Hrs. 3

0.0

(Formerly 052.226) This course is offered as part of the Summer Session. It is a study experience in Ukraine. The course features extensive exploration of contemporary Ukrainian culture. The course is taught in English. Students are given the maximum individual attention. Mornings are spent in class. Excursions are planned in Kyiv and neighboring sites. Prerequisite: [a grade of "C" or better in UKRN 1310 (052.131) or UKRN 1320 (052.132) (or equivalent)] and written consent of the department head.

UKRN 2720 Intermediate Ukrainian Cr.Hrs. 6

0.0

(Formerly 052.272) Grammar review, conversation, translation and reading of selected texts. Development of communication skills through practical exercises. Cultural content is introduced through audio-visual materials. Students may not hold credit for both UKRN 2720 (052.272) and UKRN 2730 (052.273). Prerequisite: [a grade of "C" or better in UKRN 1310 (052.131) or UKRN 1320 (052.132)] or [Ukrainian 40S] or written consent of department head.

UKRN 2730 Intermediate Ukrainian 2 Cr.Hrs. 3

0.0

(Formerly 052.273) This course is the second term of UKRN 2720 (052.272) Intermediate Ukrainian, and is intended for students who already have basic oral comprehension and reading, writing, and speaking skills equivalent to those that would be achieved in the first term of UKRN 2720 (052.272). Students may not hold credit for both UKRN 2730 (052.273) and UKRN 2720 (052.272). Prerequisite: successful completion of a placement test administered by the department.

UKRN 2770 Ukrainian Culture until 1900 Cr.Hrs. 3

0.0

(Formerly 052.277) A survey that examines the Ukrainian Culture Heritage from the pre-Christian era, through medieval times and the baroque to the end of the 19th century. Issues in mythology, religion, the arts and literature are discussed. Lectures in English. Readings are available in both English translation and the original.

UKRN 2780 Ukrainian Culture from 1900 to Present Cr.Hrs. 3

0.0

(Formerly 052.278) Major trends in thought, the visual arts, film and literature from the end of the 19th century to the present day. Lectures in English. Readings are available in both English translation and Ukrainian.

UKRN 3440 Ukrainian Poetry Cr.Hrs. 3

0.0

A study of some of the best Ukrainian poetry with a particular emphasis on the modern period. Lectures and readings in Ukrainian. Prerequisite: [a grade of "C" or better in UKRN 1310 (052.131) or UKRN 1320 (052.132)] or written consent of department head.

UKRN 3910 Shevchenko Cr.Hrs. 3

0.0

(Formerly 052.391) A study of the greatest works, focusing on the writer's intellectual and artistic development. References to his art and the imperial context. Lectures in English. Readings in the original. Prerequisite: [a grade of "C" or better in UKRN 1310 (052.131) or UKRN 1320 (052.132)] or written consent of department head.

NET CHANGE IN CREDIT HOURS: +6.0

Program modifications:

Program modifications for the programs listed below, including a proposal to categorize German courses as follows: Category A - Language Courses; Category B – Literature, Culture, and Applied Linguistics courses conducted in German; Category C - Literature, Culture, and Applied Linguistics courses conducted in English, are outlined on the next pages:

- Bachelor of Arts (General Major) in German
- Bachelor of Arts (Single Honours) in German
- Bachelor of Arts (Double Honours) in German
- Program Notes

German

Modification of General Major, Single Honours, Double Honours and Program Notes

Added material

Deleted material

8.12.2 German Program Information

For entry, continuation and graduation requirements for the General Degree and Honours Degree, see Section 3: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs.

General Major Program

For entry to the Major, the prerequisite is a grade of "C" or better in 6 credit hours in German courses at any level. For students who have taken additional courses toward the Major, then a minimum cumulative GPA of 2.00 is required on all courses including the higher grade of repeated courses and excluding failed courses.

A minimum cumulative GPA of 2.00 in all courses that comprise the Major is required to graduate, including the higher grade of repeated courses and excluding failed courses.

Minor (Concentration) Program

For entry to the Minor (Concentration), the prerequisite is a grade of "C" or better in 6 credit hours in German.

Honours Program

For entry to the Honours program, see Section 3: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs.

Other

German courses are arranged into categories as follows:

Category A: Language courses

Category B: Literature, Culture, and Applied Linguistics courses conducted in German Category C: Literature, Culture, and Applied Linguistics courses conducted in English

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | |
|---------------------------------------|--------|--------|--------|--|
| GENERAL MAJOR TOTAL: 30 CREDIT HOURS | | | | |
| 30 credit hours of German to include: | | | | |

GRMN 11201

GRMN 2100²

GRMN 2120 or GRMN 2130 or GRMN 2140

GRMN 3200

Within the required credit hours in German, 3 credit hours must be from Category B courses and a further 3 credit hours must be from Categories B or C courses.

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|---|--|---|
| SINGLE HONOURS -5 -4 | | | |
| 36 credit hours of German (of which at least 24 credit hours must be German courses numbered at the 2000, 3000 or 4000 level to include: | | | • GRMN 4600 ³ |
| | | | • GRMN 4570 |
| GRMN 1120 ¹ GRMN 2100 ² | | | 6 additional credit hours in German courses numbered at the 4000 level 4- |
| GRMN 2120 or GRMN 2130 | | | 6 additional credit hours in |
| GRMN 2140 GRMN 3200 | | | German courses numbered at the 3000 or 4000 level |
| In years 2 and 3 students must also complete <u>24 30</u>-credit hours of ancillary options⁶ and 6 credit hours of free options⁵. | | | 6 credit hours in ancillary options |
| | | | 12 credit hours in free options⁵ |
| • Within the required credit ho must be from Categories B or | urs in German, 15 credit hours mu C courses. | ust be from Category B courses a | nd a further 15 credit hours |
| DOUBLE HONOURS -5.4 | | | |
| | of which at least 18 credit hours m | nust be German courses | • GRMN 4600 ³ |
| numbered at the 2000, 3000 o | or 4000 level) to include: | | • GRMN 4570 |
| GRMN 11201 | | | 3 additional credit hours in |
| GRMN 2100 ² | | | German courses numbered at the 4000 level |
| GRMN 2120 or GRMN 2130 | | | |
| GRMN 2140 | GRMN 2140 | | 3 additional credit hours in German courses numbered |
| GRMN 3200 | | | at the 3000 or 4000 level |
| In years 2 and 3 students n credit hours in second Honours | nust also complete 6 credit hours of field. | of ancillary options [©] and 24 | 12 credit hours in other Honours field |
| In years 2 and 3 students n | nust also complete 6 credit hours i | n free options⁵. | 6 credit hours in free options⁵ |
| • Within the required credit hours in German, 12 credit hours must be from Category B courses and a further 6 credit hours must be from Categories B or C courses. | | | |
| NOTES: | | | |
| ¹ Students with superior language ability will not be required to complete GRMN 1120 if they complete either GRMN 2100 or GRMN 3200 with a minimum grade of "C". | | | |
| ² Students with superior language ability will not be required to complete GRMN 2100 if they complete GRMN 3200 with a minimum grade of "C". | | | |
| ³ With written consent of department head, students may substitute GRMN 4600 with GRMN 4200. | | | |
| 4-6 | | | |

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⁴Students enrolled in the fourth year of the Honours program may be permitted to substitute up to 6 credit hours of graduate

⁵ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including German courses).

⁶ Ancillary options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding German courses in the Single Honours, and excluding German and the second Honours field courses in the Double Honours).

level courses.

 $^{4.5}$ Honours courses: all 4000 level courses.

Program modifications:

Modifications to the following programs are outlined on the next pages:

- Bachelor of Arts (General Major) in Russian
- Minor (Concentration) in Russian
- Program Notes for Russian programs

Russian

Modification of General Major, Minor (Concentration) and Program Notes

Added material

Deleted material

Major Program

For entry to the Major, the prerequisite is a grade of "C" or better in six credit hours-from RUSN 1300 (or RUSN 1330), RUSN 2810 (or RUSN 2820 in Russian courses at any level. For students who have taken additional courses toward the Major, then a minimum cumulative GPA of 2.00 is required on all courses including the higher grade of repeated courses and excluding failed courses.

A minimum cumulative GPA of 2.00 in all courses that comprise the Major is required to graduate including the higher grade of repeated courses and excluding failed courses.

Minor (Concentration) Program

For entry to the Minor (Concentration), the prerequisite is a grade of "C" or better in six credit hours-from RUSN 1300 (or RUSN 1300), RUSN 2810 (or RUSN 2820) in Russian courses at any level.

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | | |
|--|---|---|--|--|--|
| GENERAL RUSSIAN MAJOR | R TOTAL: 30 CREDIT HOURS | | ************************************** | | |
| 6 credit hours from RUSN 1300, RUSN 1330, RUSN 2810 or RUSN 2820 | courses or courses selected | 24 credit hours in Russian (RUSN) or Slavic Studies (SLAV) courses or courses selected from List A, of which at least 6 credit hours must be in language courses numbered at the 3000 level | | | |
| 30 credit hours of Russian to | include: | | | | |
| RUSN 1300¹ or RUSN 1330 | 1 | | | | |
| RUSN 2810² or RUSN 2820 | 2 | | | | |
| 6 credit hours from RUSN 3 | 3200 ³ , RUSN 3210 ³ , RUSN 3220 ³ | | | | |
| In addition to the above required courses, students must complete the balance of credit hours by taking courses in Russian (RUSN) or Slavic Studies (SLAV) or courses selected from List A | | | | | |
| RUSSIAN MINOR (CONCE | RUSSIAN MINOR (CONCENTRATION) TOTAL: 18 CREDIT HOURS | | | | |
| 6 credit hours from RUSN | 12 credit hours in Russian (I (SLAV) courses | RUSN) courses or Slavic Stud | es | | |
| 1300, RUSN 1330, RUSN 2810 or RUSN 2820 | | | | | |
| | • 6 credit hours in Russian (R | USN) or Slavic Studies (SLAV | 2 | | |
| 2810 or RUSN 2820 6 credit hours in Russian | | USN) or Slavic Studies (SLAV | | | |

¹ With written consent from the department head, students with superior language ability can substitute RUSN 1300 or RUSN 1330 with RUSN 2810 or RUSN 2820.

With written consent from the department head, students with superior language ability can substitute RUSN 2810 or RUSN 2820 with other 2000 or 3000 level Russian courses.

³ With written consent from the department head, other 3000 level Russian language courses may be approved for credit.

With written consent from the department head, courses offered by other departments may be approved for credit.

The following courses count as language courses: RUSN 1300, RUSN 1310, RUSN 1330, RUSN 2630, RUSN 2810, RUSN 2811, RUSN 2820, RUSN 2820, RUSN 3200, RUSN 3210, RUSN 3220.

The following courses count as literature and culture courses: RUSN 1400, RUSN 2280, RUSN 2290, RUSN 2310, RUSN 2410, RUSN 2740, RUSN 3330, RUSN 3580, RUSN 3770, RUSN 3780, RUSN 3790, RUSN 3900, RUSN 3980, SLAV 2260, SLAV 2270, SLAV 3530, SLAV 3920.

| List A | Courses Acceptable for Russian Credit | | | |
|-----------------|--|--------------|--|--|
| With written co | With written consent from the department head, courses offered by other departments may be approved for credit | | | |
| Course No. | | Credit Hours | | |
| HIST 2490 | History of Russia (E) | 6 | | |
| HIST 2660 | History of the Soviet Union (E) | 3 | | |
| HIST 2840 | A History of Russia to 1917 (E) | 3 | | |

Program modifications:

Modifications to the following programs are outlined on the next page:

- Bachelor of Arts (General Major) in Ukrainian
- Minor (Concentration) in Ukrainian
- Program Notes for Ukrainian programs

Ukrainian

- Modification of General Major, Minor (Concentration) and Program Notes

Added material

Deleted material

General Major Program

For entry to the Major, the prerequisite is a grade of "C" or better in six credit hours from UKRN 1310 (or UKRN 1320), UKRN 2720 (or UKRN 2730) in Ukrainian courses at any level. For students who have taken additional courses toward the Major, then a minimum cumulative GPA of 2.00 is required on all courses including the higher grade of repeated courses and excluding failed courses.

A minimum cumulative GPA of 2.00 in all courses that comprise the Major is required to graduate including the higher grade of repeated courses and excluding failed courses.

Minor (Concentration) Program

For entry to the Minor (Concentration), the prerequisite is a grade of "C" or better in six credit hours from UKRN 1310 (or UKRN 1320), UKRN 2720 (or UKRN 2730) in Ukrainian courses at any level.

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|--|--|--|--------|
| GENERAL UKRAINIAN MAJOR | TOTAL: 30 CREDIT HOURS | THE CONTRACT OF THE ART CONTRACT OF THE CONTRA | |
| 6 credit hours from UKRN 1310, UKRN 1320, UKRN 2720 or UKRN 2730 | 24 credit hours in Ukrainian (UKRN) or Slavic Studies (SLAV) courses of which at least 6 credit hours must be in language courses numbered at the 3000 level | | |

30 credit hours of Ukrainian to include:

- UKRN 1310¹ or UKRN 1320¹
- UKRN 27202 or UKRN 27302
- UKRN 3950³ and UKRN 3960³
- In addition to the above required courses, students must complete the balance of credit hours by taking Ukrainian (UKRN) or Slavic Studies (SLAV) courses⁴

| UKRAINIAN MINOR (CONCENTRATION) TOTAL: 18 CREDIT HOURS | | | |
|--|---|---|---|
| 1310, UKRN 1320, UKRN courses of which | | 12 credit hours in Ukrainian (UKRN) or Slavic Studies (SLAV) courses of which at least 3 credit hours must be in literature/culture | - |
| | 5 credit hours in Ukrainian (UKRN) courses | 12 credit hours in Ukrainian (UKRN) or Slavic Studies (SLAV) courses ⁴ | |

NOTES:

- ¹ With written consent from the department head, students with superior language ability can substitute UKRN 1310 or UKRN 1320 with UKRN 2720 or UKRN 2730.
- With written consent from the department head, students with superior language ability can substitute UKRN 2720 or UKRN 2730 with other 2000 or 3000 level Ukrainian courses.
- ³ With written consent from the department head, other 3000 level Ukrainian language courses may be approved for credit.
- ⁴ With written consent from the department head, courses offered by other departments may be approved for credit.

The following courses count as language courses: UKRN 1230, UKRN 1310, UKRN 1312, UKRN 1320, UKRN 2260, UKRN 2720,

UKRN 2722, UKRN 2730, UKRN 2812, UKRN 3950, UKRN 3960.

The following courses count as literature and culture courses: UKRN 2100, UKRN 2200, UKRN 2410, UKRN 2590, UKRN 2770, UKRN 2780, UKRN 2800, UKRN 2820, UKRN 3100, UKRN 3300, UKRN 3440, UKRN 3880, UKRN 3910, UKRN 3970, SLAV 2260, SLAV 2270, SLAV 3530, SLAV 3920.

Program modifications:

Modifications to the following are outlined on the next page:

- Minor (Concentration) in Polish
- Program Notes for the Minor (Concentration) in Polish

Polish

- Modification of Minor (Concentration) and Program Notes

Added material

Deleted material

Minor (Concentration) Program

For entry to the Minor (Concentration), the prerequisite is a grade of "C" or better in POL 1890 six credit hours in Polish courses.

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | | | |
|--|----------------------------|--|------------------------------------|--|--|--|
| POLISH MINOR (CONCENTRATION)1-TOTAL: 18 CREDIT HOURS | | | | | | |
| POL 1890 6 credit hours in Polish (POL) courses | POL 2890 | 6-credit hours from the following Polish/Slavic Stud courses: POL 1900, POL 2600, POL 2610, POL 2660 POL 2690, POL 3890, SLAV 2260, SLAV 2270 |), | | | |
| 12 credit hours in Polish (POL) courses, SLAV 2260, or SLAV 2270 | | | | | | |
| NOTE: | | | | | | |
| ‡Ctudents entering university | with a knowledge of Polici | h but without Grade 12 standing may | y he granted written permission by | | | |

^{*}Students entering university with a knowledge of Polish, but without Grade 12 standing, may be granted written permission by the department head to enter POL 2890.

Global Political Economy

Introductions:

GPE 1700 Social Justice in the 21st Century: Global Political Economy and Environmental Change Cr.Hrs. 3

+3.0

Introduces students to political economy and cultural geography through the close analysis of contemporary world events, including but not limited to instances of violent conflict, environmental change, international negotiations, political processes and events, social movements, and policy developments. A multimedia approach will advance students' understanding of geopolitical events from political economy and spatial perspectives. Specific content of the course will change year-by-year in response to developments in national and world politics.

GPE 3700 A Survey of Global Political Economy Cr.Hrs. 3

+3.0

Provides students with a systemic intellectual history of the field of Global Political Economy. The course delineates Global Political Economy as a distinctive scholarly tradition, discusses the separation of economics and politics, and surveys the tradition from classical political economy through historical materialism, development economics, imperialism, world systems theory, and more. Students will relate these approaches to contemporary issues in GPE such as economic and ecological crises, inequality, or corporate power. Prerequisites: [a grade of "C" or better in GPE 1700 or GEOG 1700] or written consent of instructor.

NET CHANGE IN CREDIT HOURS: +6.0

Program modifications:

Modifications to the following programs are outlined on the next pages:

- Bachelor Arts (General Major) in Global Political Economy
- Bachelor Arts (Single Advanced Major) in Global Political Economy

The program modifications also include the following, as set out on the next pages:

- deletion of the List of Electives
- introduction of List A List of Courses for Global Political Economy
- introduction of Program Notes to identify suggested electives for students in the General Major program and to recommend that electives be used to take prerequisites for upper level required courses in Anthropology, Political Studies, and Sociology

Global Political Economy

- Modification of General Major, Single Advanced Major and Program Notes
- Deletion of List of Suggested Electives
- Addition of List A

Added material

Deleted material

8.13.1 Program Information

For entry to the General Major, the prerequisite is a grade of "C" or better in the following: both ECON 1010 and ECON 1020, or both ECON 1210 and ECON 1220; and 6 credit hours from GPE 1700, HIST 1370, HIST 1380, HIST 1500, HIST 2380, HIST 2720.

For entry to the <u>Single Advanced Major</u>, the prerequisite is a grade of "C" or better in any 12 credit hours from the following: <u>both</u> ECON 1010 and ECON 1020, or <u>both</u> ECON 1210 and ECON 1220; <u>and 6 credit hours from GPE 1700</u>, <u>HIST 1370</u>, <u>HIST 1380</u>, <u>HIST 1500</u>, <u>HIST 2380</u>, <u>HIST 2720</u>, <u>POLS 1000</u>, or the former ECON 1200; <u>SOC 1200</u>; (no more than 6 credit hours from) <u>POLS 1000</u>, <u>POLS 1040</u>, <u>POLS 2040</u>; (no more than 6 credit hours from) <u>HIST 1370</u>, <u>HIST 1380</u>, <u>HIST 1500</u>, <u>HIST 2380</u>, <u>HIST 2720</u>.

For entry, continuation and graduation requirements for the General Degree, Advanced Degree and Honours Degree, see <u>Section 3:</u> <u>Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs.</u>

Note: Students who declare and complete a Major will not be required or allowed to complete a separate field for a Minor for purposes of satisfying degree requirements.

8.13.2 Global Political Economy

| * CURRENT ** GENERAL MA | JOR TOTAL: 57 CREDIT HOURS | | |
|---|--|---|--|
| Anthropology: ANTH 2000; AN | TH 2530; ANTH 3320 or Sociology | y SOC 3810 | |
| Economics: ECON 1010 and EC 2550; ECON 2630, or ECON 339 | CON 1020, or ECON 1210 and ECC 22 and ECON 3394 | ON 1220; ECON 2540; ECON | |
| History: 12 credit hours from: | HIST 1370, HIST 1380, HIST 150 | 0, HIST 2380, HIST 2720 | |
| Political Studies: 6 credit hours | s from: POLS 1000, POLS 1040 or | POLS 2040; POLS 3220 | |
| • Sociology: SOC 1200: SOC 33 | 80 or SOC 3838 or SOC 3840 or S | SOC 3890 or Anthropology ANTH | |
| | | <u> </u> | |
| 2500; SOC 3810 or Anthropolog | | 4 | |
| 2500; SOC 3810 or Anthropolog | y ANTH 3320 | 4 | |
| 2500; SOC 3810 or Anthropolog ** PROPOSED ** GENERAL N • 6 credit hours from the following: HIST 1370, HIST | y ANTH 3320 IAJOR ¹ TOTAL: <u>48</u> 57-CREDIT HO | JURS | |
| 2500; SOC 3810 or Anthropolog ** PROPOSED ** GENERAL N • 6 credit hours from the | y ANTH 3320 MAJOR¹ TOTAL: 48.57-CREDIT HO • ANTH 2000² | • ANTH 3320 ² | |
| ** PROPOSED ** GENERAL N • 6 credit hours from the following: HIST 1370, HIST 1380, HIST 2380, HIST 2720 | y ANTH 3320 IAJOR¹ TOTAL: <u>48.57</u> -CREDIT HO • ANTH 2000² • ECON 2540 | • ANTH 3320 ² • GPE 3700 | |
| 2500; SOC 3810 or Anthropolog ** PROPOSED ** GENERAL N • 6 credit hours from the following: HIST 1370, HIST 1380, HIST 1500, HIST 2380, | y ANTH 3320 1AJOR¹ TOTAL: 48_57-CREDIT HO • ANTH 2000² • ECON 2540 • ECON 2550 | • ANTH 3320 ² • GPE 3700 • POLS 3250 ⁴ or ANTH 3750 | |

| Andrew Street | YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---------------|--------|--------|--------|--------|
| ł | | | | |

** CURRENT** SINGLE ADVANCED MAJOR TOTAL: 78 CREDIT HOURS

- Anthropology: ANTH 2000; ANTH 2530; ANTH 3320 or Sociology SOC 3810; ANTH 3750
- Economics: ECON 1010 and ECON 1020, or ECON 1210 and ECON 1220; ECON 2540; ECON 2550; ECON 2630, or ECON 3392 and ECON 3394
- Global Political Economy: GPE 2700; GPE 4700
- History: 12 credit hours from: HIST 1370, HIST 1380, HIST 1500, HIST 2380, HIST 2720
- Political Studies: 6 credit hours from: POLS 1000, POLS 1040, POLS 2040; POLS 3220; POLS 3250 or POLS 3810 or POLS 3840
- Sociology: SOC 1200; SOC 2290; SOC 3380 or SOC 3838 or SOC 3840 or SOC 3890 or Anthropology ANTH 2500; SOC 3810 or Anthropology ANTH 3320

** PROPOSED ** SINGLE ADVANCED MAJOR TOTAL: 66 78-CREDIT HOURS

| 6 credit hours from the | • ANTH 2000 ² | • ANTH 3320 ² | GPE 4700 | |
|--|--|--|----------------|--|
| following: HIST 1370, HIST 1380, HIST 1500, HIST 2380, | • ECON 2540 | • GPE 3700 | | |
| HIST 2720 | • ECON 2550 | POLS 3250⁴ or ANTH 3750 | | |
| ECON 1010 and ECON | • GPE 2700 | • POLS 32704 | | |
| 1020, or ECON 1210 and ECON 1220 | SOC 2290³, or ANTH 3930 and STAT 1000 | SOC 3380 or SOC 3838 or SOC 3840 or SOC 3890³ | | |
| • GPE 1700 | | | | |
| • POLS 1000 | | | | |
| | In years 2, 3 and 4 students mu | st take an additional 9 credit hour | s from List A. | |

in years 2, 5 and 4 state that take an additional 5 credit hours from 25

NOTES:

- ¹ Students in the General Major are very strongly advised to include in their elective courses a minimum of 6 credit hours from the following list (if not already taken in the core requirements): ANTH 2530, ANTH 3750, ECON 2630, HIST 1370, HIST 1380, HIST 1500, HIST 2380, HIST 2670, HIST 2680, HIST 2720, POLS 1000, POLS 2040, POLS 3250, POLS 3810, SOC 3830, SOC 3838, SOC 3840, SOC 3890.
- ² Students are advised to take ANTH 1220 or ANTH 1520 as an elective in Year 1 as it is the prerequisite for some upper level Anthropology courses. Otherwise, students will require written consent of Anthropology department head prior to registration.
- 3 Students are advised to take SOC 1200 as an elective in Year 1 as it is the prerequisite for upper level Sociology courses. Otherwise, students will require written consent of Sociology department head prior to registration.
- ⁴ Students are advised to take POLS 2040 as an elective in Year 2 as it is the prerequisite for upper level Political Studies courses. Otherwise, students will require written consent of Political Studies department head prior to registration.

List of Courses for Global Political Economy

See the departmental Calendar section for full course descriptions.

| Global Political I | Economy | | Economics | | |
|--------------------------|---|----------|------------|---|---|
| GPE 1700 | Social Justice in the 21st Century: Global Political Economy and | 3 | ECON 1010 | Introduction to Microeconomic Principles | 3 |
| GPE 2700 | Environmental Change Perspectives on Global Political | 3 | ECON 1020 | Introduction to Macroeconomic Principles | 3 |
| 01 2700 | Economy | • | ECON 1200* | Principles of Economics | 6 |
| GPE 3700 | A Survey of Global Political Economy | <u>3</u> | ECON 1210 | Introduction to Canadian Economic Issues and Policies | 3 |
| GPE 4700 Anthropology | Studies in Global Political Economy | 6 | ECON 1220 | Introduction to Global and Environmental Economic Issues | 3 |
| ANTH 2000 | Culture, Society, and Power | 3 | | and Policies | |
| ANTH 2390* | Social Organization in Cross- Cultural Perspective (B) | 6 | ECON 2540 | Political Economy 1: Production and Distribution | 3 |
| ANTH 2500 | Culture, Environment, and Technology | 3 | ECON 2550 | Political Economy 2: Economic Growth and Fluctuations in a | 3 |
| ANTH 2530 | Anthropology of Political Systems | 3 | | Global Economic Environment | |
| ANTH 3320 | Women in Cross-Cultural Perspective | 3 | ECON 2630 | An Introduction to the World's Economies | 6 |
| ANTH 3750 | Globalization and the World- System | 3 | ECON 3392 | An Introduction to Development Economics | 3 |

| | Development-Economics:Problems | | | Present" | |
|--------------------------------|--|---------------|-----------------------------|---|---------------|
| ECON 3394 | and Policies | 3 | Political Studies POLS 2040 | Introduction to International | <u>6</u> |
| History | | | | Relations | |
| HIST 1370 | An Introduction to Modern World | 3 | POLS 3250 | International Political Economy | <u>3</u> 3 |
| | History: 1500-1800 (M) | | POLS 3810 | Introduction to Marxism | 3 |
| HIST 1380 | An Introduction to Modern World | 3 | Sociology | | |
| | History: 1800 - Present (M) | | SOC 3380 | Power, Politics and the Welfare | 3 |
| HIST 1500 | An Introduction to Modern World | 6 | | State | |
| | History: 1500 - Present (M) | | SOC 3838 | Ecology and Society | 3 |
| HIST 2380 | The Twentieth-Century World | 6 | SOC 3840 | Community and Social | <u>3</u> |
| UTCT 2720 | (G,M) | | | Reconstruction | _ |
| HIST 2720 Political Studies | The World Since 1945 (G,M) | 6 | SOC 3890 | Power and Inequality in | <u>3</u> |
| POLS 1000 | Democracy and Development | 3 | | Comparative Perspective | |
| POLS 1000 | Global Political Issues | 3 | List of Sugges | ted Electives | |
| POLS 2040 | Introduction to International | 6 | Faculty of Arts | | |
| . 010 10 | Relations | | Anthropology | | |
| POLS 2530* | Elements of Foreign Policy | 6 | ANTH-1220 | Cultural Anthropology | 3 |
| POLS 3220 | Globalization and the World | 3 | ANTH 1520 | Critical Cultural Anthropology | 3 |
| | Economy | | ANTH 2460* | Peasantry in a Changing World (B) | 3 |
| POLS 3250 | International Political Economy | 3 | ANTH 2500 | Culture, Environment, and | 3 |
| POLS 3810 | Introduction to Marxism | 3 | | Technology | |
| POLS 3270 | Theories of the Capitalist World | 3 | ANTH 2510 | Anthropology of Economic | 3 |
| | Order | | | Systems | |
| POLS 3840 | Approaches to the Study of | 3 | ANTH 2570 | Urban Anthropology | 3 |
| | International Relations | | ANTH 3320 | Women in Cross-Cultural | 3 |
| 019.383* | The Politics of International | 6 | ANTH 2200 | Perspective | _ |
| Casialasu | Economic Relations | | ANTH 3380 | Anthropology and Contemporary | 3 |
| Sociology SOC 1200 | Introduction to Cociology | 6 | 076.244* | Social Issues | 2 |
| SOC 2290 | Introduction to Sociology Introduction to Research Methods | 6 | Asian Studies | Peasant Society and Culture (B) | 3 |
| SOC 3380 | Power, Politics and the Welfare | 3 | ASIA 1420 | Asian Civilizations to 1500 (Cross- | 3 |
| 300 3300 | State | 3 | ASIA 1420 | listed with History HIST 1420) | 3 |
| SOC-3470* | Political Sociology | 3 | ASIA 1430 | Asian Civilizations Since 1500 | 3 |
| SOC 3690* | Sociology of the Developing | 3 | 710171 1 100 | (Cross-listed with History HIST | - |
| | Societies | • | | 1430) | |
| SOC-3810 | Sociological Perspectives on | 3 | ASIA 2070* | South Asian Civilization | 6 |
| | Gender and Sexuality | | ASIA 2080 | South Asian Civilization | 3 |
| SOC 3838 | Ecology and Society | 3 | 150.211* | East Asian Civilization | 6 |
| SOC 3840 | Community and Social | 3 | Economics | | |
| | Reconstruction | | ECON 2420 | Economics of the Labour Process | 3 |
| SOC 3870* | Social Inequality | 3 | | and Labour Relations (Cross-listed | |
| SOC 3890 | Power and Inequality in | 3 | | with Labour Studies LABR 2420) | _ |
| | Comparative Perspective | | ECON 2490* | Economic Accounting | 3 |
| | | | ECON 2560* | Corporations in the Global | 3 |
| List A | | | ECON 2630 | Economy An Introduction to the World's | 6 |
| Faculty of Arts | | | ECON 2030 | Economies | 0 |
| Anthropology | • | | ECON 3390 | Development Economics | 6 |
| ANTH 2530 | Anthropology of Political Systems | 3 | ECON 3660* | Economic Ideas and Social | 6 |
| ANTH 3750 | Anthropological Perspectives on | 3 | 20011 3000 | Institutions | · |
| | Globalization and the World- | _ | ECON 3710 | Sustainable Development: Issues | 3 |
| | System | | | and Policy | |
| Economics | | | ECON 4510* | Economy and State in a Modern | 6 |
| ECON 2630 | An Introduction to the World's | <u>6</u> | | Period: Western Europe and North | |
| | Economies | | | America | |
| History | | _ | History | | |
| HIST 1370 | An Introduction to Modern World | <u>3</u> | HIST 2670 | History of Capitalism (M) | 3 |
| UTCT 4200 | History: 1500-1800 (M) | • | HIST 2680 | History of Socialism from the | 3 |
| HIST 1380 | An Introduction to Modern World | <u>3</u> | | French Revolution to the Present | |
| HIST 1500 | History: 1800 - Present (M) | • | UTCT 2710* | (M) | _ |
| H131 1300 | An Introduction to Modern World History: 1500 - Present (M) | <u>6</u> | HIST 2710* HIST 3260 | Women in History (G) Commerce, Rights and Empire in | 6 3 |
| HIST 2380 | The Twentieth-Century World | <u>6</u> | H131 3200 | European Thought, 500-2000 (M) | , , |
| 11131 2300 | (G,M) | • , , | HIST 3580 | Topics in Recent World History 1 | 3 |
| HIST 2670 | History of Capitalism (M) | 3 | 11131 3300 | (M) | |
| HIST 2680 | A History of Socialism from the | 3 | HIST 3590 | Topics in Recent World History 2 | 3 |
| | French Revolution to the Present | | | (M) | - |
| | (M) | | HIST 4010 | Imperialism, Decolonization and | 6 |
| HIST 2720 | The World Since 1945 (G,M) | <u>6</u> 3 | | Neo Colonialism, 1700 to the | |
| HIST 3580 | Topics in Recent World History 1 | <u>3</u> | | Present (G,M) | |
| | (M) | | HIST 4320 | Studies in World History since | 3 |
| | Acceptable for credit only when | | 044.044 | 1945 (G,M) | |
| | the topic is "Global Economic | | 011.341* | The British Empire and | 6 |
| | Crises in World History, 1929- | | | Commonwealth Since 1815 (G) | |

| | · · | | | |
|------------------|---|-------------------|----------------------|-------------------------------------|
| Labour Studie | S | | POLS 2530 | Elements of Foreign Policy |
| LABR 1260 | Working for a Living | 3 | POLS 3200 | International Security and Conflict |
| LABR 1270* | Introduction to the Political | 3 | | Management |
| | Economy of Labour | | POLS 3330 | Politics of the European Union |
| LABR 1290 | Introduction to the Canadian | 3 | POLS 3810 | Introduction to Marxism |
| | Labour Movement | | POLS 3880 | Comparative Foreign Policy |
| LABR 2100 | Political Economy of Labour | 3 | POLS 4530 | Regionalism in International |
| LABR 2300 | Workers, Employers and the State | 3 | | Politics |
| LABR 2420 | Economics of the Labour Process | 6 | POLS 4660 | The State in the Economy |
| | and Labour Relations (Cross-listed | | 019.156* | Introduction to Canadian |
| | with Economics ECON 2420) | | | Government |
| LABR 3090 | Globalization and Labour | 3 | 019.273 * | International Conflict Resolution |
| LABR 3210 | Working People in Hard Times | 3 | Sociology | |
| LABR 3220 | Global Sweatshops, Global | 3 | SOC 2480 | Population Problems |
| | Struggles | | SOC 3380 | Power, Politics and the Welfare |
| Political Studio | | | | State |
| POLS 2040 | Introduction to International | 6 | SOC 3470* | Political Sociology |
| | Relations | _ | SOC 3690* | Sociology of the Developing |
| POLS 2070 | Introduction to Canadian | 6 | | Societies |
| | Government | _ | | |
| SOC 3810 | Sociological Perspectives on Gender | 3 | | |
| | and Sexuality | _ | | |
| SOC 3838 | Ecology and Society | 3 | | |
| SOC 3840 | Community and Social | 3 | | |
| | Reconstruction | _ | 3 | |
| SOC 3870* | Social Inequality | 3 | | |
| SOC 3890 | Power and Inequality in Comparative | 3 | | |
| | Perspective | | | |
| | iddell Faculty of Environment, Earth | 7 | | |
| and Resourc | es | | | |
| Geography | Total distance II and Comments | - | | |
| GEOG 1280 | Introductory Human Geography | 3 6 | | |
| GEOG 2210 | Economic Geography | 6 | | |
| GEOG 3590 | Geography of Developing Countries | | | |
| GEOG 3800 | Geography of Transportation Development | 3 | | |
| GEOG 4640 | Models in Urban Geography | 3 | | |
| | ourse no longer offered. | - | | |
| | | | | |

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3

<u>History</u>

Deletions:

| HIST 2284 Democracy and Dissent in Canada: Social Movements | -3.0 |
|--|------|
| in the 20 th Century (C) Cr.Hrs. 3 | |
| HIST 3120 Topics in History 2 (G) Cr.Hrs. 3 | -3.0 |
| HIST 3770 Problems in American History 2 (A) Cr.Hrs. 3 | -3.0 |
| HIST 3790 Studies in Canadian History 2 (C) Cr.Hrs. 3 | -3.0 |
| HIST 4080 Issues in Modern Asian History 2: Selected Topics (M, B) | -3.0 |

Introductions:

HIST 2288 History of Social Movements in Canada (C) Cr.Hrs. 3 +3.0 This course examines how Canadian democracy has historically been contested, debated, and challenged. It will focus on the post-Confederation history of social movements, citizen engagement, and state responses to dissent. The course will discuss grassroots movements of workers, the poor, women, indigenous peoples, and racial and ethnic minorities. Students may not hold credit for both HIST 2288 and the former HIST 2284.

HIST 2390 Early Modern Europe, 1450-1789 (D, E) Cr.Hrs. 6 +6.0 This course is a survey of early modern European history. It will include such major topics as the Renaissance, the printing revolution, the Reformation, European interactions with the rest of the world and imperialism, the military revolution, the witch trials and the Enlightenment.

HIST 3340 Studies in History of Digital Culture (G) Cr.Hrs. 3 +3.0 This course will examine the social-cultural meanings of computer and communications technologies. The course will predominantly treat the twentieth and twenty-first centuries, examining the evolution of technologies from the 1930s to today. Focused on the global west, the course will also consider the worldwide implications and reach of digital cultures and technologies. Students may not hold credit for both HIST 3340 and the former HIST 3120 with the topic "History of Digital Culture." Prerequisite: [a grade of "C" or better in six credit hours of history] or written consent of department head.

HIST 3574 Disease and Society in the Modern World (G, M) Cr.Hrs. 3 +3.0 This course will emphasize the relationship between disease and imperialism, capitalist development, and war; and examine social and state responses. The course will explore connections between the biological and the cultural aspects of infectious disease experiences. Students may not hold credit for both HIST 3574 and HIST 3110 (011.311) with the topics "History of Disease" and/or "History of Health and Disease." Prerequisite: [a grade of "C" or better in six credit hours of history] or written consent of department head.

Modifications:

HIST 3800 History of Winnipeg from 1870-2000 (C) 0.0 A study of the social history of the city of Winnipeg from its origins through to the Aboriginal Justice Inquiry (1991). Students may not hold credit for both HIST 3800 and the former HIST 3790 (011.379) with the topic "History of Winnipeg." Prerequisite: [a grade of "C" or better in six credit hours of history] or written consent of department head.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications:

Modifications to the following programs are described on the next pages:

- Bachelor Arts (Single Honours) in History
- Bachelor Arts (Double Honours) in History
- Program Notes
 Title of Area R from "African" to "Africa and the Middle East"

History

- Modification of Single Honours, Double Honours and Program Notes Modification to title of Area R from "African" to "Africa and the Middle East"

Added material

Deleted-material

8.14.2 History

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|--|---|---|
| SINGLE HONOURS ^{1,3,4} | | | |
| 6-credit hours in History courses-numbered at the 1000-or-2000-level | 18 credit hours in History courses numbered at the 2000 level | HIST 3990 Geredit hours in History courses numbered at the | 24 credit hours in History courses numbered at the 4000 level |
| or 3 credit hours in History courses numbered at the | or 12 credit hours in History courses numbered at the 2000 | 3000 level | |
| 1000 level and 3 credit hours in History courses numbered at the 2000 level | level and 6 credit hours in History courses numbered at the 3000 level | • 12 credit hours in ancillary options | |
| | 12 credit hours in ancillary options | | |
| | Honours students must choose for study. | om a minimum of three different o | defined areas of historical |
| 6 credit hours in History courses numbered at the 1000 or 2000 level | 18 credit hours in History cou 3000 level | rses numbered at the 2000 or | 24 credit hours in History courses numbered at the 4000 level |
| or 3 credit hours in History | 6 credit hours in History court | ses numbered at the 3000 level | 6 credit hours in free |
| courses numbered at the 1000 level and 3 credit hours in History courses numbered | • HIST 3990 | | options ³ |
| at the 2000 level | 24 credit hours in ancillary op | tions ² | |
| | • 6 credit hours in free options ³ | | |
| | Honours students must choose fi study. | rom a minimum of three different o | defined areas of historical |

| DOUBLE HONOURS ^{1, 2, 3} , 4 | | | |
|---|--|---|---|
| 5-credit hours in History courses numbered at the 1000 or 2000 level | 12 credit hours in History courses numbered at the 2000 level | HIST 3990 Geredit hours in History courses numbered at the | 12 credit hours in History courses numbered at the 4000 level |
| or 3 credit hours in History courses numbered at the 1000 level and 3 credit hours n History courses numbered at the 2000 level | or 6 credit hours in History courses numbered at the 2000 level and 6 credit hours in History courses numbered at the 3000 level | * 12 credit hours in other Honours field | 12 credit hours in other Honours field |
| | • 12 credit hours in other Honours field | | |
| | • 6 credit hours in ancillary options | | |
| | Honours students must choose for study. | om a minimum of three different | defined areas of historical |
| 5 credit hours in History courses numbered at the 1000 or 2000 level | • 18 credit hours in History cour 3000 level | ses numbered at the 2000 or | 12 credit hours in History courses numbered at the 4000 level |
| | HIST 3990 | | |
| or 3 credit hours in History courses numbered at the 1000 level and 3 credit hours | 6 credit hours in ancillary option | ons ² | 6 credit hours in free options³ |
| n History courses numbered at the 2000 level | • 6 credit hours in free options ³ | | 12 credit hours in other Honours field |
| | 24 credit hours in other Honor | urs field | |
| | | | |

NOTES:

- 1 Students, particularly those intending to proceed to a graduate program, are encouraged to study a second language during the course of their Honours program.
- 2 Ancillary options are courses taken from outside the Honours field of study to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding History courses).
- ³ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including History courses). It is recommended students register for additional History courses at the 2000 level or higher.
- 3-4. Honours courses: all 4000 level courses.

History courses are arranged into groups and areas of study as follows:

| Groups: numbered at the 1000 level: | Areas: A: | The Americas |
|--|--------------|--------------------------------|
| Introductory numbered at the 2000 level: General | B: | Asian |
| numbered at the 3000 level: Special | C: | Canadian |
| numbered at the 4000 level: Honours | D: | Ancient and Medieval |
| | E: | European |
| | G: | General |
| | M: | Modern World |
| | R: , , | African and the Middle East |

<u>Icelandic</u>

Program modifications:

Modifications to the following are outlined on the next pages:

- Bachelor of Arts (Single Honours) in Icelandic
 Bachelor of Arts (Double Honours) in Icelandic
- Program Notes

Icelandic

- Modification of Single Honours, Double Honours and Program Notes
 (1) separating Single Honours and Double Honours program information and in lieu of some footnotes, adding program information to chart
 - (2) adding 12 credit hours of free options to the Single Honours program to bring the program up to 120 credit hours

Added material

Deleted material

8.15.2 Icelandic

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|-----------------------------|--|------------------------|--|
| SINGLE OR DOUBLE | : HONOURS ^{2,-3} | | |
| ICEL 2200 | ICEL 2220, ICEL 2420, ICEL 2430 | ICEL 2310, ICEL 3400 | • ICEL 4420, ICEL 4440, ICEL 4460 |
| | | | 3 credit hours in Icelandic courses numbered at the 3000 level |
| SINGLE OR DOUBLE | -HONOURS ^{2,-3} | | |
| ICEL 2200 | • ICEL 2220, ICEL 2420, ICEL 2430 | • ICEL 2310, ICEL 3400 | • ICEL 4420, ICEL 4440, ICEL 4460 |
| | | | 3 credit hours in Icelandic courses numbered at the 3000 level |
| | 21 credit hours of courses sel or Russian, to be approved by t | | French, German, History, Philosophy |
| | • 24 credit hours of ancillary op | otions ² | |
| | • 12 credit hours of free options | s <u>4</u> | |
| SINGLE OR DOUBLE | HONOURS ^{2,-3} | | |
| ICEL 2200 | • ICEL 2220, ICEL 2420, ICEL 2430 | • ICEL 2310, ICEL 3400 | • ICEL 4420, ICEL 4440, ICEL 4460 |
| | | | • 3 credit hours in Icelandic courses numbered at the 3000 level |
| | 3 credit hours of courses selct Russian, to be approved by the | | ench, German, History, Philosophy o |
| | At least 36 credit hours in sec. | cond honours field | |
| | 6 credit hours of ancillary opt | ions ³ | |
| | • 12 credit hours of free option: | s ⁴ | |
| | | | |

¹"Prior to standing" in ICEL 1200 will be determined by means of a written test administered by the department at time of registration. Students with superior language ability will not be required to complete ICEL 1200 upon successful completion of a written test administered by the department.

² Students who qualify for Single or Double Honours must select the balance of their work in years 2, 3, and 4 from: Classics,

English, French, German, History, Philosophy, or Russian in consultation with the department head.

- 23 Honours courses: ICEL 2310, ICEL 2420, ICEL 2430, ICEL 3400 and all 4000 level courses.
- 3 Ancillary options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding Icelandic courses).
- ⁴ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including Icelandic courses).

Labour Studies

Modifications:

LABR 2100 The Political Economy of Labour Cr.Hrs. 3

0.0

This course examines the dynamics of work organization, the production and reproduction of labour power, labour markets and class conflict in capitalist societies, with attention to contemporary Canada. Students may not hold credit for LABR 2100 and any of: LABR 2420 (153.242) or the former ECON 2420 (018.242). Prerequisite: [a grade of "C" or better in three credit hours of 1000 level Labour Studies] or written consent of the Labour Studies coordinator.

LABR 2420 Economics of the Labour Process and Labour Relations Cr.Hrs. 3 0.0 (Formerly 153.242) An examination of theoretical approaches to paid and unpaid work, the organization of labour processes, the production and reproduction of labour, and labour markets in Canada today, as well as possible alternatives. Students may not hold credit for LABR 2420 (153.242) and any of: LABR 2100 or the former ECON 2420 (018.242). Prerequisite: [a grade of "C" or better in both LABR 1260 (the former LABR 1270 or 153.127) and LABR 1290 (153.129)] or [a grade of "C" or better in six credit hours of 1000 level Economics].

LABR 3510 Industrial Relations Cr. Hrs. 6

0.0

(Formerly 153.351) A study of comparative employer-employee relationships in Canada and other selected countries as affected by market forces, social traditions, and government action. Students may not hold credit for both LABR 3510 (153.351) and the former ECON 3510 (018.351). Prerequisite: [a grade of "C" or better in both LABR 1260 (the former LABR 1270 or 153.127) and LABR 1290 (153.129)] or [a grade of "C" or better in six credit hours of 1000 level Economics].

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications:

Modifications to the List of Electives for Labour Studies are described on the next page.

Labour Studies

- Modification of List of Electives

Added material

Deleted material

| List of Elect | ives | | î | as Labour Studies LABR 3700) | |
|--------------------|--|--------|------------------|---|-----|
| LIST OF LIECT | 1463 | | HIST 3730 | A History of Western Canada (C) | 6 |
| | | | HIST 3800 | History of Winnipeg from 1870-2000 (C) | 3 |
| The following | courses may be selected to fulfill the | | HIST 4030* | | 6 |
| | for a degree in Labour Studies (see the tabl | e | H151 4030** | The History of Communism and Socialism | 0 |
| | ails). Other courses might be chosen for this | | Nation Charles | since 1945 (M) (H) | |
| | ccordance with students' individual interests | | Native Studie | | _ |
| | dvance permission from the Labour Studies | , | | Aboriginal Organizations | 3 |
| | Students are responsible for ensuring that all | | Philosophy | | _ |
| | have been met. In the following list (H) | ' | PHIL 2290 | Ethics and Society | 6 |
| | | | PHIL 2830 | Business Ethics | 3 |
| indicates an i | lonours course. | | PHIL 3710* | Critiques of Contemporary Society | 6 |
| | | | Political Stud | ies | |
| Faculty of A | rts | | POLS 3470 | Canadian Public Management | 3 |
| Economics | | | POLS 3570 | Administrative Theory in the Public Sector | 3 |
| | Social Welfare and Human Resources | 6 | POLS 3810 | Introduction to Marxism | 3 |
| | Community Economic Development | 3 | POLS 4370 | Comparative Public Administration (H) | 3 |
| | Women in the Canadian Economy | 6 | POLS 4570* | Public Organizational Management (H) | 6 |
| | Economics of Gender | 3 | POLS 4660 | The State in the Economy (H) | 6 |
| | Labour and Technology (same as former | 3 | 019.487* | Government and Public Sector Unionism (H |) 3 |
| ECON 2500 | | 3 | Psychology | | • |
| ECON 2E40 | Labour Studies LABR 2450) | 3 | PSYC 3510* | Organizational Psychology | 3 |
| ECON 2540 | Political Economy 1: Production and | 3 | PSYC 3600* | | 3 |
| ECON SEED | Distribution | 2 | Sociology | zirin orinicated i o y cirology | • |
| ECON 2550 | Political Economy 2: Economic Growth and | 3 | SOC 2290 | Introduction to Research Methods | 6 |
| | Fluctuations in a Global Economic | | SOC 3370 | Sociology of Work | 3 |
| | Environment | _ | SOC 3370 | Sociologie du travail (EUSB) | 3 |
| ECON 3170 <u>*</u> | Introduction to Quantitative Methods in | 3 | SOC 3371 | Power, Politics and the Welfare State | 3 |
| | Economics | | SOC 3470* | Political Sociology | 3 |
| | Canadian Economic History | 6 | SOC 3470 | Sociologie politique (EUSB) | 3 |
| | Labour Economics | 6 | | | 3 |
| | Labour Economics 1 | 3 | SOC 3820 | Qualitative and Historical Methods in | 3 |
| | Labour Economics 2 | 3 | COC 2070* | Sociology | • |
| ECON 3510* | Industrial Relations (same as Labour | 6 | SOC 3870* | Social Inequality | 3 |
| | Studies LABR 3510) | | SOC 3871 | Inégalités sociales (EUSB) | .3 |
| ECON 3660* | Economic Ideas and Social Institutions | 6 | SOC 3890 | Power and Inequality in Comparative | 3 |
| History | | | | Perspective | |
| HIST 2282 | Inventing Canada (C) | 3 | | Gender Studies | _ |
| HIST 2284* | Democracy and Dissent in Canada: Social | 3 | | Race, Class and Sexuality | 3 |
| | Movements in the 20th Century (C) | | WOMN 3550 | Feminist Community Organizing: Theories | 3 |
| HIST 2286 | Modern Canada (C) | 3 | | and Practices | |
| HIST 2288 | History of Social Movements in Canada (C) | 3 | | School of Business (Faculty of | |
| HIST 2400 | History of Human Rights and Social Justice | 3 | Managemer | | |
| | in the Modern World (G,M) | | Business Adr | ninistration | |
| HIST 2670 | History of Capitalism (M) | 3 | GMGT 2030* | Administrative Theory | 3 |
| HIST 2671 | Histoire du capitalisme (M) | 3 | GMGT 2060 | Management and Organizational Theory | 3 |
| HIST 2680 | A History of Socialism from the French | 3 | GMGT 2070 | Introduction to Organizational Behaviour | 3 |
| 11131 2000 | Revolution to the Present (M) | • | GMGT 2080* | Introduction to Management and | 3 |
| HIST 2690* | The Common People in Industrial Society | 6 | | Organization Theory | |
| 11131 2030 | (G) | | GMGT 3030 | Contemporary Social Issues in Business | 3 |
| HIST 2710* | Women in History (G) | 6 | GMGT 4210 | Seminar in Management and Capitalism | 3 |
| HIST 2720 | The World Since 1945 (G,M) | 6 | HRIR 2440 | Human Resource Management | 3 |
| HIST 2970* | Modern Canada: 1921 to the Present (C) | 6 | HRIR 3430 | Selected Topics in Industrial Relations | 3 |
| HIST 2970 | | 6 | HRIR 3450 | Labour and Employment Relations (or the | 3 |
| 11131 29/1 | Le Canada moderne: de 1921 à nos jours | 0 | 1 | former 027.341) | - |
| LICT SOEO | (C) (EUSB) | 6 | HRIR 4420 | Compensation | 3 |
| HIST 3050 | Canada since 1945 (C) | 6 6 | HRIR 4480 | Collective Bargaining and Administration | 3 |
| HIST 3210 | The History of Popular Radicalism in the | 0 | HRIR 4520 | Comparative Industrial Relations and | 3 |
| HICT 2242 | Twentieth Century (M) | 2 | | Human Resource Management | - |
| HIST 3212 | Global Sweatshops, Global Struggles (M) | 3 | Interdepartm | nental Courses | |
| HIST 3570* | History of Women in Canada (C) | 6 | IDM 3000* | Aboriginal Business Context: Influences and | 13 |
| HIST 3572 | The History of Women, Gender, and | 6 | 2011 0000 | Impacts | |
| LITOT STAG | Sexuality in Canada (C) | , | IDM 4090* | Aboriginal Business Leadership | 3 |
| HIST 3700 | History of Working People and Labour | 6 | | ourse no longer offered. | , |
| | Movements 1700 to the Present (G) (same | | Indicates C | ourse no longer offered. | |
| | | | * | | |

Latin American Studies

Program modification:

A modification to the list of courses eligible for the **Minor (Concentration) in Latin American Studies** is described on the next page.

Latin American Studies

Modification of Minor (Concentration) Program

Added material

Deleted material

8.19.1 Program Information

Through varied courses students may explore the cultural, political, historical, economic, and social structures and dynamics of Latin America. This interdisciplinary Minor includes courses from different departments and allows students to gain a deeper understanding of the subject field without being restricted to one discipline. Students are encouraged to participate in international exchange programs in Latin America which may also count toward the Minor.

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

Faculty of Arts

| Anthropology | | | | |
|-----------------------------|--|-------|--|--|
| ANTH 2690 | Peoples and Cultures of Contemporary Latin | 3 | | |
| | America | | | |
| French, Spanish and Italian | | | | |
| SPAN 2200 | Spanish American Culture and Civilization | 3 | | |
| SPAN 2210 | Voices and Images of Latin America | 3 | | |
| SPAN 2540 | Spanish-American Literature 2 | 3 3 3 | | |
| SPAN 2570 | Special Studies (Acceptable for credit only when | 3 | | |
| | course content is on Latin American studies)1 | | | |
| SPAN 3080 | Contemporary Latin American Novel | 3 | | |
| SPAN 3270 | Special Studies (Acceptable for credit only when | 3 | | |
| | course content is on Latin American studies)1 | | | |
| SPAN 3300 | Cinema and Literature | 3 | | |
| SPAN 3320 | Testimony and Human Rights in Latin America | 3 | | |
| SPAN 3780 | Short Fiction in Spanish | 3 | | |
| SPAN 3790 | Latin American Cinema and Society | 3 | | |
| History | | | | |
| HIST 2140 | Colonial Latin America (A) | 3 | | |
| HIST 2150 | Independent Latin America (A) | 3 | | |
| HIST 2900 | Topics in Social History (G) (Acceptable for credit | 6 | | |
| | only when course content is on Latin American | | | |
| | studies) ¹ | | | |
| HIST 3020 | South America Since 1945 (A) | 3 | | |
| HIST 3040 | Mexico, Central America, and Cuba Since 1945 (A) | 3 | | |
| HIST 3110 | Topics in History 1 (G) (Acceptable for credit only | 3 | | |
| | when course content is on Latin American studies)1 | | | |
| HIST 3120 <u>*</u> | Topics in History 2 (G) (Acceptable for credit only | 3 | | |
| | when course content is on Latin American studies)1 | | | |
| HIST 3740 | Topics in Latin American History (A) | 3 | | |
| HIST 3750 | Indigenous Peoples in Modern Latin America (A) | 3 | | |
| HIST 4000 | Topics in History (G) (Acceptable for credit only | 3 | | |
| | when course content is on Latin American studies) ¹ | | | |
| HIST 4150 | The Social History of the Latin American State (A) | 6 | | |
| HIST 4870 | Contemporary Latin America (A) | 6 | | |
| * Indicates co | urse no longer offerred. | | | |
| | | | | |

NOTE:

 $^1\mbox{Written}$ consent of program coordinator required to use course in the Minor (Concentration).

For entry to the Minor (Concentration) in Latin American Studies, the prerequisite is a grade of "C" or better in six credit hours from the approved list.

For entry, continuation and graduation requirements for the General Degree, Advanced Degree and Honours Degree, see <u>Section 3:</u> <u>Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs.</u>

Medieval and Renaissance Studies

Program modifications:

Modifications to the following are outlined on the next page:

- Bachelor of Arts (General Major) in Medieval and Early Modern Studies
- Bachelor of Arts (Single Advanced Major) in Medieval and Early Modern Studies
- Minor (Concentration) in Medieval and Early Modern Studies
- Program Notes (new)
- Group 1 and Group 2 course listings (new)

Medieval and Renaissance Studies Program

- Modification of Program Name from "Medieval and Renaissance Studies" to "Medieval and Early Modern Studies"
- Modification of General Major, Single Advanced Major and Minor (Concentration) Programs Including the Addition of Group 1 and Group 2 Course Listings

Added material

Deleted-material

8.21 Medieval and Renaissance Studies Program Medieval and Early Modern Studies Program

8.21.1 Program Information

Major Program

For entry to the Major, the prerequisite is a grade of "C" or better in <u>HIST 2390 or HIST 2420, and 6 credit hours in Greek (GRK) or Latin (LATN) courses.</u> 12 credit hours considered relevant to the Major by the program advisor.

Minor (Concentration) Program

For entry to the Minor (Concentration) the prerequisite is a grade of "C" or better in <u>HIST 2390 or HIST 2420, six credit hours considered relevant to the Minor by the program advisor.</u>

Other

Students should note that courses used towards the Major(s) or Minor (Concentration) in this area may not be used for Major, Minor (Concentration) or Honours in a second field.

A) General Major in Medieval and Renaissance Studies consists of 36 credit hours selected as follows:

- Nine credit hours in either Latin or Greek
- Six credit hours from the following History courses:

| HIST 2080 | The Byzantine Empire and the Slavic World (D) | 3 |
|---------------------|---|---|
| HIST 2420 | The Medieval World (D) | 6 |
| 011.206* | The Emergence of the Medieval World (D) | 3 |
| 011.207* | The Early and High Middle Ages (D) | 3 |
| 011.209* | The Middle Ages in Decline (D) | 3 |
| * Indicates | course no longer offered. | |

 21 credit hours in courses dealing with the Medieval and/or Renaissance world, including a minimum of six credit hours to be selected from each of the following groups (a detailed list of courses may be obtained from the program advisor):

Group 1: History, Philosophy, Religion Group 2: Literature, Language, Fine Arts (including Music)

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | | |
|---|---|--------------------------------|--------|--|--|
| GENERAL MAJOR ^{1, 2} TOTAL: 36 | SENERAL MAJOR ^{1, 2} TOTAL: 36-30 CREDIT HOURS | | | | |
| 6 credit hours in Greek (GRK) or Latin (LATN) courses | 6 credit hours from Group 1 co | ourses listed below | | | |
| • HIST 2390 or HIST 2420 | 6 credit hours from Group 2 co | ourses listed below | | | |
| | 6 credit hours from Group 1 or | r Group 2 courses listed below | | | |

B) Single Advanced Major in Medieval and Renaissance Studies consists of 12 credit hours in addition to the A) above, of which six must be in a modern language. The remaining six credit hours may be selected from Group 1 or Group 2.

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|--|---|---|----------------------------------|
| SINGLE ADVANCED MAJOR1, | SINGLE ADVANCED MAJOR ^{1, 2} TOTAL: 48 CREDIT HOURS | | |
| • 6 credit hours in Greek (GRK) or Latin (LATN) courses | 6 credit hours from Group 1 co | ourses listed below | |
| • HIST 2390 or HIST 2420 | 6 credit hours from Group 2 co | ourses listed below | |
| | 9 credit hours from Group 1 o | r Group 2 courses listed below | |
| | 9 additional credit hours in Great Gr | eek (GRK) or Latin (LATN) course: | i |
| | 6 credit hours from a modern courses offered in Greek and Lat | language (any language offered b in) | y the Faculty of Arts outside of |

Minor (Concentration) Program

For entry to the Minor (Concentration) program, the prerequisite is a grade of "C" or better in six credit hours considered relevant to the Minor by the program advisor.

A Minor (Concentration) in Medieval Studies will consist of 18 credit hours, and must include History course HIST 2420 The Medieval World (b) (6). The remaining 12 credit hours may be selected from Group 1 or Group 2, or from courses in either Latin or Greek. If Latin or Greek courses are chosen, a minimum of six credit hours is required in either Latin or Greek.

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|--------|--------|--------|
| MINOR (CONCENTRATION) ^{1, 2} TOTAL: 18 CREDIT HOURS | | | |
| HIST 2390 or HIST 2420 12 credit hours to be selected from Group 1 or Group 2 courses below, Greek (GRK) courses ³ , or Latin (LATN) courses ³ | | | |

NOTES:

- ¹ Students may not use individual courses to satisfy both Major and Minor (Concentration) requirements.
- ² Students are strongly encouraged to complete introductory courses from subject areas from the Group 1 and Group 2 listings in order to satisfy possible prerequisites for courses they may select in Years 2, 3 and 4.
- ³ If Latin (LATN) or Greek (GRK) courses are selected to satisfy the Minor (Concentration) requirements, a minimum of 6 credit hours must be selected from either LATN or GRK.

Group 1: History, Philosophy and Religions

See the departmental Calendar section for full course descriptions. With written consent of the program coordinator courses not on this list may be used to satisfy the Group 1 requirement.

Faculty of Arts

| Classics | | |
|------------|------------------------------------|---------------|
| CLAS 1280 | Introduction to Ancient Roman | 3 |
| | Culture | _ |
| CLAS 2170 | Roman History: The Roman | 3 |
| | Empire, 30 BC-AD 337 | _ |
| CLAS 3270 | The World of Late Antiquity: | 3 |
| 30.0000 | History and Archaeology | 2 |
| History | motory and Archaeology | |
| HIST 2080 | The Byzantine Empire and the | 3 |
| 11131 2000 | Slavic World (D) | 2 |
| HIST 2180 | The History of Catholicism to 1540 | - |
| 1131 2100 | (G) | 3 |
| HIST 2020 | | _ |
| HIST 2930 | The History of the British Isles, | <u>6</u> |
| | 412-1485 (D) | _ |
| HIST 3136 | History of Medieval Italy, 568- | 3 |
| | 1300 (D) | |
| HIST 3138 | History of Medieval Italy, 1300- | 3 |
| | 1500 (D) | |
| HIST 3140 | Medieval Italy (D) | <u>6</u> 3 |
| HIST 3480 | The Margins of the Middle Ages | 3 |
| | (D) | |
| HIST 3550 | Popular Culture, Crime and | 3 |
| | Punishment in England, 1550- | |
| | 1850 (E) | |
| HIST 3880 | Europe in Transition: 1348-1648 | 6 |
| | (E) | |
| HIST 4040 | The Later Middle Ages (D) | 6 |
| HIST 4050 | England in the Long Eighteenth | 6 |
| | Century (E) | _ |
| Philosophy | | |
| PHIL 2780 | Thomas Aguinas | 3 |
| Religion | | ~ |
| RLGN 2550 | History of Early Christian Thought | 3 |
| RLGN 2560 | History of Medieval Christian | 3 |
| TEON ESOS | Thought | 7 |
| RLGN 2730 | Jews and Judaism in Antiquity | 2 |
| RLGN 2760 | Rabbinic Judaism | 3 |
| RLGN 2780 | Classical Islam | 2 |
| | | 3333333 |
| RLGN 3194 | Islamic Philosophy | 3 |
| RLGN 3230 | Gender in Early Christianity | 3 |
| RLGN 3824 | Kabbalah | 3 |
| | | |
| | | |

Group 2: Literatures, Art and Languages

See the departmental Calendar section for full course descriptions. With written consent of the program coordinator courses not on this list may be used to satisfy the Group 2 requirement.

Faculty of Arts

| Classics | - | |
|-------------------|---|---------------|
| LATN 2800 | Readings in Medieval or | 3 |
| | Renaissance Latin | ~ |
| English, Film, ar | | |
| ENGL 2070 | Literature of the Sixteenth Century | 6 |
| ENGL 2080 | Medieval Literature | 6 |
| ENGL 3000 | | Š |
| | Chaucer | <u>6</u> |
| ENGL 3010 | Shakespeare | 6 |
| ENGL 3020 | Milton | <u>6</u> 3 |
| ENGL 3030 | Studies in Sixteenth-Century Literature | 3 |
| ENGL 3050 | Studies in Old English | 6 |
| ENGL 3080 | Studies in Medieval Literature | 3 |
| ENGL 3090 | Studies in Seventeenth-Century | <u>3</u> 3 |
| ENGL SOSO | Literature | ¥ |
| ENGL 3180 | Studies in Renaissance Literature | 3 |
| French, Spanish | | 3 |
| FREN 3500 | Littérature du 17e siècle (B) | - |
| SPAN 3670 | Poetry and Novel of the Golden | <u>3</u> 3 |
| 3PAN 3070 | | 2 |
| CDAN 2600 | Age | _ |
| SPAN 3680 | Drama of the Golden Age | <u>3</u> |
| Icelandic | | _ |
| ICEL 1410 | Introduction to Culture in Medieval | <u>3</u> |
| | Iceland | |
| ICEL 2310 | An Introduction to Old Icelandic | 6 |
| | Language and Literature | |
| ICEL 3320 | Old Norse Mythology | 3 |
| ICEL 3330 | Icelandic Sagas in Translation | 3 |
| ICEL 3400 | Old Icelandic Literature | 6 |
| ICEL 4420 | History of the Icelandic Language | 3 6 3 |
| School of Art | | _ |
| FAAH 1030 | Introduction to Art 1A | 3 |
| FAAH 2060 | Medieval to Early Renaissance Art | 3 |
| | and Architecture | _ |
| FAAH 2070 | Renaissance to Baroque Art and | 3 |
| TAATI 2070 | Architecture | 2 |
| FAAH 3130 | Topics in Medieval Art and | 3 |
| I AAII JIJU | Architecture | 3 |
| FAAH 3140 | | - |
| FAAR 3140 | Topics in Renaissance and | <u>3</u> |
| F4.411.2200 | Baroque Art and Architecture | _ |
| FAAH 3280 | Early Byzantine Art and | <u>3</u> |
| | <u>Architecture</u> | |
| FAAH 3290 | Later Byzantine Art and | 3 |
| | Architecture | |
| | | |

Philosophy

Program modifications:

Modifications to the following are outlined on the next page:

- Bachelor Arts (Single Honours) in Philosophy
- Program Notes

Philosophy

Modification of Single Honours and Program Notes

Added material

Deleted material

8.23.2 Philosophy

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|---|---|---|
| SINGLE HONOURS ^{1, 2, 4,6} | | | |
| 6 credit hours in Philosophy courses numbered at the 1000 level | PHIL 2430 ³ PHIL 2760 Control of the price of the pric | 9 credit hours in Honours Philosophy courses 3 credit hours from PHIL 2612, PHIL 2614, PHIL 2630, PHIL 2640, PHIL 2650, PHIL 2660, PHIL 2790, PHIL 3580 an additional 3 credit hours from History of Philosophy courses 3 credit hours in Honours Philosophy courses or History of Philosophy courses 6 credit hours of ancillary options deviside Philosophy 6 credit hours of free options deviside Philosophy | 12 credit hours in Honours Philosophy courses 6 credit hours in Philosophy courses numbered at the 2000 level and above 6 credit hours of ancillary options outside Philosophy 6 credit hours of free options |

NOTES:

- ¹At most 12 credit hours in Philosophy numbered at the 1000 level may count towards any degree program. In addition, no student may hold credit in both PHIL 1200 and the former PHIL 1510.
- 2 Courses listed may be taken in years other than the ones specified; however, the total set of courses taken must conform to these requirements in other respects.
- ³ Students who took the former PHIL 1330 in their first year will substitute six other credit hours in Philosophy for PHIL 2430 in Year 2.
- ⁴ Ancillary options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding Philosophy courses).
- ⁵ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including Philosophy courses).
- ⁴⁶Honours courses: PHIL 3430, PHIL 3440, PHIL 3580, PHIL 3630, PHIL 3640, PHIL 3650, PHIL 3760, PHIL 3770 and all 4000 level courses.

Political Studies

Program modifications:

Modifications to the following are outlined on the next page:

- Bachelor of Arts (Single Honours) in Political Studies
- Program Notes

Political Studies

Modification of Single Honours and Program Notes

Added material

Deleted material

8.24.2 Political Studies

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|--|---|---|
| SINGLE HONOURS ^{1, 3, 4} | 994 volt van de 1900 de 1900 de 1900 volt van de 1900 volt van de 1900 volt van de 1900 volt volt van de 1900 v | | |
| 6 credit hours in Political Studies courses numbered at or above the 1000 level | 18-credit hours from POLS 2000, POLS 2040, POLS 2070, POLS 2510 12-6 credit hours in ancillary options ³ | POLS 3950 21.15-credit hours in Political Studies courses numbered at the 3000 level ² | 18 credit hours in Political Studies Honours courses numbered at the 4000 level 12 6-credit hours in ancillary options ² |
| | | 6 credit hours in ancillary options² | |

NOTES:

 $^{^1}$ A student must include at least six credit hours in political theory (POLS 2510, POLS 3240, POLS 3510, POLS 3600, POLS 3710, POLS 3810, POLS 4510, POLS 4610, POLS 4710).

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 4000-level in place of six credit hours numbered at the 3000-level.

³ Ancillary options are courses taken from outside the Honours field of study to be chosen from courses that are acceptable for <u>credit in the Faculty of Arts (excluding Political Studies courses)</u>.

⁴ Honours courses: all 4000 level courses

Religion

Deletions:

| RLGN 2150 The Talmud (A) Cr.Hrs. 3 | -3.0 |
|---|------|
| RLGN 3850 Story and Storytelling: Religious Narratives in Context and | -3.0 |
| Performance (C) Cr.Hrs. 3 | |

Introductions:

RLGN 2072 Storytelling and Religion Cr.Hrs. 3

+3.0

Storytelling is a way of making sense of, and transforming, the world; so is religion. This course explores story, imagination, and performance in the context of religion and spirituality. Course work may involve textual study, writing, and the practice of storytelling. May not be held with the former RLGN 3850 (020.385).

RLGN 3400 Zionism: Religious Perspectives Cr.Hrs. 3

+3.0

Zionism is a modern political and social movement which has a close but ambivalent relationship with the Jewish religious tradition. This course will explore topics such as secular adaptations of religious motifs; religious critiques of Zionism; religious Zionism as a new form of Judaism; and Christian approaches to Zionism and the State of Israel.

RLGN 3810 The Talmud Cr.Hrs. 3

+3.0

The Talmud is as important as the Bible in Jewish life and thought. It is not simply a book to read; it has to be studied with other people. Students will learn the skills of studying this polyvocal text, and engage with scholarship on the Talmud's literary techniques, laws, folklore, gender politics, and theology. Students may not hold credit for both RLGN 3810 and the former RLGN 2150.

Modifications:1

| RLGN 1120 Biblical Hebrew Cr.Hrs. 6 | 0.0 |
|---|-----|
| RLGN 1320 Introduction to World Religions Cr.Hrs. 6 | 0.0 |
| RLGN 1350 The History of Eastern Christianity Cr.Hrs. 6 | 0.0 |
| RLGN 1390 Readings in Biblical Hebrew 1 Cr.Hrs. 3 | 0.0 |
| RLGN 1400 Readings Biblical Hebrew 2 Cr.Hrs. 3 | 0.0 |
| RLGN 1410 Death and Concepts of the Future Cr.Hrs. 3 | 0.0 |
| RLGN 1420 Ethics in World Religions Cr.Hrs. 3 | 0.0 |
| RLGN 1424 Religion and Sexuality Cr.Hrs. 3 | 0.0 |

¹ The full course description is not provided where the deletion of the course Category – A, B, or C – from the course title is the only modification made to a course. In these instances, only the revised course title is provided.

| RLGN 1430 Food: Religious Concepts and Practices Cr.Hrs. 3 | 0.0 |
|--|-----|
| RLGN 1440 Evil in World Religions Cr.Hrs. 3 | 0.0 |
| RLGN 1450 Religion and the Media Cr.Hrs. 3 | 0.0 |
| RLGN 2010 Introduction to Hinduism Cr.Hrs. 3 | 0.0 |
| RLGN 2020 Introduction to Buddhism Cr.Hrs. 3 | 0.0 |
| RLGN 2030 Psychology and Religion Cr.Hrs. 3 | 0.0 |
| RLGN 2036 Introduction to Christianity Cr.Hrs. 3 | 0.0 |
| RLGN 2040 Early Modern/Modern Christianity Cr.Hrs. 3 | 0.0 |
| RLGN 2050 Modern and Contemporary Christianity Cr.Hrs. 3 | 0.0 |
| RLGN 2060 Religion and Violence Cr.Hrs. 3 | 0.0 |
| RLGN 2090 Issues in Science and Religion Cr.Hrs. 3 | 0.0 |
| RLGN 2100 Approaches to the Qur'an Cr.Hr. 3 | 0.0 |
| RLGN 2110 Religion and Healing Cr.Hrs. 3 | 0.0 |
| RLGN 2120 Problems of Faith and Reason Cr.Hrs. 3 | 0.0 |
| RLGN 2130 Religion and Dance Cr.Hrs. 3 | 0.0 |
| RLGN 2140 Introduction to Judaism Cr.Hrs. 3 | 0.0 |
| RLGN 2160 Introduction to the Hebrew Scriptures Cr.Hrs. 3 | 0.0 |
| RLGN 2170 Introduction to the New Testament Cr.Hrs. 3 | 0.0 |
| RLGN 2180 Theory of Nature Cr.Hrs. 3 | 0.0 |
| RLGN 2222 The Supernatural in Popular Culture Cr.Hrs. 3 | 0.0 |
| RLGN 2520 Eastern Christianity in North America Cr.Hrs. 3 | 0.0 |
| RLGN 2530 Eastern Christianity in the Contemporary World Cr.Hrs. 3 | 0.0 |
| RLGN 2550 History of Early Christian Thought Cr.Hrs. 3 | 0.0 |
| RLGN 2560 History of Medieval Christian Thought Cr.Hrs. 3 | 0.0 |
| RLGN 2570 Indian Religious Art and Architecture Cr.Hrs. 3 | 0.0 |
| RLGN 2590 Religion and Social Issues Cr.Hrs. 3 | 0.0 |

| RLGN 2600 Critical Animal Studies: An Introduction Cr.Hrs. 3 | 0.0 |
|---|-----|
| RLGN 2680 Women and Religion 1 Cr.Hrs. 3 | 0.0 |
| RLGN 2690 Women and Religion 2 Cr.Hrs. 3 | 0.0 |
| RLGN 2700 Religions of China and Japan Cr.Hrs. 6 | 0.0 |
| RLGN 2730 Jews and Judaism in Antiquity Cr.Hrs. 3 | 0.0 |
| RLGN 2760 Rabbinic Judaism Cr.Hrs. 3 | 0.0 |
| RLGN 2770 Contemporary Judaism Cr.Hrs. 3 | 0.0 |
| RLGN 2780 Classical Islam Cr.Hrs. 3 | 0.0 |
| RLGN 2790 Contemporary Islam Cr.Hrs. 3 | 0.0 |
| RLGN 2840 The Second Vatican Council Cr.Hrs. 3 | 0.0 |
| RLGN 2850 Contemporary Issues in Roman Catholicism Cr.Hrs. 3 | 0.0 |
| RLGN 3100 Rituals of Death and Mourning Cr.Hrs. 3 | 0.0 |
| RLGN 3110 Issues in the Study of Religion and Evil Cr.Hrs. 3 | 0.0 |
| RLGN 3120 Religion and Bioethics Cr.Hrs. 3 | 0.0 |
| RLGN 3130 Religion and Modern Thought Cr.Hrs. 3 | 0.0 |
| RLGN 3150 Buddhism in East Asia Cr.Hrs. 3 | 0.0 |
| RLGN 3160 Tibetan Religious Traditions Cr.Hrs. 3 | 0.0 |
| RLGN 3170 Eastern Religions in the West Cr.Hrs. 3 | 0.0 |
| RLGN 3190 Images of the Prophet Muhammad: Classical and Contemporary Perspectives Cr.Hrs. 3 | 0.0 |
| RLGN 3194 Islamic Philosophy Cr.Hrs. 3 | 0.0 |
| RLGN 3200 Paul and the Letters Cr.Hrs. 3 | 0.0 |
| RLGN 3210 Indian Philosophy Cr.Hrs. 3 | 0.0 |
| RLGN 3220 Indian Religion and Society Cr.Hrs. 3 | 0.0 |
| RLGN 3230 Gender in Early Christianity Cr.Hrs. 3 | 0.0 |
| RLGN 3240 Jesus and the Gospel Writings Cr.Hrs. 3 | 0.0 |

| RLGN 3260 Indian Buddhism Cr.Hrs. 3 | 0.0 |
|--|-------|
| RLGN 3266 Readings in Buddhist Texts Cr.Hrs. 3 | 0.0 |
| RLGN 3270 Guru and Disciple Cr.Hrs. 3 | 0.0 |
| RLGN 3280 Hasidism Cr.Hrs. 3 | 0.0 |
| RLGN 3640 Religion in the Hellenistic and Roman Mediterranean Cr.Hrs. 3 This course explores the wide variety of religious traditions, practices, and beliefs of the Mediterranean region in the Hellenistic and Roman period (c. 300 BCE to 300 CE). This peri is exemplified by a great deal of continuity, but it was also a time of experimentation, innovationand cultural entrepreneurship. Also offered by Classics as CLAS 3670. Students may not how credit for both RLGN 3640 (020.364) and CLAS 3670. | tion, |
| RLGN 3750 Topics in Indian Religious Art and Architecture Cr.Hrs. 3 | 0.0 |
| RLGN 3780 Selected New Testament Literature and Themes Cr.Hrs. 6 | 0.0 |
| RLGN 3800 Selected Old Testament Literature and Themes Cr.Hrs. 6 | 0.0 |
| RLGN 3824 Kabbalah Cr.Hrs. 3 | 0.0 |
| RLGN 3830 The Bible as Story Cr.Hrs. 3 | 0.0 |
| RLGN 3870 The Thought of Bernard Lonergan Cr.Hrs. 3 | 0.0 |
| RLGN 4060 The Yoga Tradition Cr.Hrs. 3 | 0.0 |
| RLGN 4080 Critical Theory and Religion Cr.Hrs. 3 | 0.0 |
| RLGN 4100 Advanced Studies in Buddhism Cr.Hrs. 3 | 0.0 |
| RLGN 4110 Studies in Religion and Cultural Memory Cr.Hrs. | 0.0 |
| RLGN 4160 Religion and Philosophy Cr.Hrs. 3 | 0.0 |
| RLGN 4180 Advanced Studies in Islam Cr.Hrs. 3 | 0.0 |
| RLGN 4190 Advanced Studies in Hinduism Cr.Hrs. 3 | 0.0 |
| RLGN 4200 Early Christian Gnosticism Cr.Hrs. 3 | 0.0 |
| RLGN 4230 Studies in Body History Cr.Hrs. 3 | 0.0 |
| RLGN 4260 Theoretical Approaches: Western Religions Cr.Hrs. 3 | 0.0 |
| RLGN 4270 Theoretical Approaches: Eastern Religions Cr.Hrs. 3 | 0.0 |
| RLGN 4280 Advanced Studies in Christian Origins Cr.Hrs. 3 | 0.0 |

Program modifications:

Modifications to the following are outlined on the next pages:

- Bachelor of Arts (General Major) in Religion
- Bachelor of Arts (Single Advanced Major) in Religion
- Bachelor of Arts (Single Honours) in Religion
- Bachelor of Arts (Double Honours) in Religion
- Program Notes

Religion

Modification of General Major, Single Advanced Major, Single Honours, Double Honours and Program Notes

Added material

Deleted material

8.26 Religion

8.26.1 Program Information

Major Program

For entry to the Major, the prerequisite is a grade of "C" or better in six credit hours in Religion. For students who have taken additional courses toward the Major, then a minimum cumulative GPA of 2.00 is required on all courses including the higher grade of repeated courses and excluding failed courses.

A maximum of 12 credit hours in Religion courses numbered at the 1000-level may be used toward the 30 credit hours for the General Major.

A minimum cumulative GPA of 2.00 in all courses that comprise the Major is required to graduate including the higher grade of repeated courses and excluding failed courses.

Other

For the purpose of the Honours and the Major programs, the three areas of study are identified in the course listing with the following letters in brackets after the course title:
A: Western Religious Traditions
B: World Religions

- C: Religion and Culture

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | |
|---|---|---|---|--|
| GENERAL MAJOR TOTAL: 3 | 0 CREDIT HOURS | | | |
| 6 credit hours in Religion courses | level (with written co | t hours in Religion courses numbered at the 3000 th written consent of the department head, students litted to substitute Honours courses in the Major) | | |
| | taken in each of the | Religion courses : six credit hours following three areas: Western R d Religions (B), and Religion and | eligious | |
| Within the courses required | a above, only 12 credit in | ours are permitted to be numbere | d at the 1000 level | |
| • Within the courses required Christianity, Hinduism, Islam | d above, students must c n, Judaism¹ | omplete courses from at least two | | |
| Within the courses required | d above, students must c n, Judaism ¹ R TOTAL: 48 CREDIT HOI • 12 credit hours in | omplete courses from at least two URS Religion courses numbered at the | | |
| Within the courses required Christianity, Hinduism, Islam SINGLE ADVANCED MAJOR Credit hours in Religion | d above, students must con, Judaism¹ R TOTAL: 48 CREDIT HOI 12 credit hours in department head, st 30 credit hours in | omplete courses from at least two URS Religion courses numbered at the sudents may be permitted to subs Religion courses: six credit hours | o religious traditions: Buddhism, | |
| Within the courses required Christianity, Hinduism, Islam SINGLE ADVANCED MAJOR 6 credit hours in Religion courses | d above, students must con, Judaism¹ R TOTAL: 48 CREDIT HOI • 12 credit hours in department head, st • 30 credit hours in three areas: Western | omplete courses from at least two URS Religion courses numbered at the sudents may be permitted to subs Religion courses: six credit hours | o religious traditions: Buddhism, 4000 level (with written consent of the titute courses numbered at the 3000 level) must be taken in each of the following Religions (B), and Religion and Culture (C) | |

| credit hours in Religion ourses | 18 credit hours in Religion courses numbered at the 2000 level | 12 credit hours in Religion courses numbered at the 3000 level | 18 credit hours in Religion courses numbered at the 4000 level |
|---|---|---|--|
| | | | |
| | 12 credit hours in ancillary options² | 6 credit hours in Religion courses numbered at the 4000 level | 6 credit hours in ancillary options² |
| | | | |
| | | 6 credit hours in ancillary options² | |
| | | • 12 credit hours in Religion co level | urses numbered at the 3000 |
| | | • 18 credit hours in Religion co level | urses numbered at the 4000 |
| | | • RLGN 4260, RLGN 4270 | |
| | | • 12 credit hours in free option | s ³ |
| | | • 12 credit hours in ancillary or | otions ² |
| ithin the courses required at hristianity, Hinduism, Islam, | oove, students must complete cou Judaism¹ | rses from at least three religious t | raditions: Buddhism, |
| a | | | |
| OUBLE HONOURS | | | |
| credit hours in Religion | 12 credit hours in Religion courses numbered at the 2000 level | • 6 credit hours in Religion courses numbered at the 3000 level | • 12 credit hours in Religion courses numbered at the 4000 level |
| credit hours in Religion | courses numbered at the | courses numbered at the | courses numbered at the |
| credit hours in Religion | courses numbered at the 2000 level 12 credit hours in other | courses numbered at the 3000 level • 6 credit hours in Religion courses numbered at the | courses numbered at the 4000 level • 6 credit hours in free |
| credit hours in Religion ourses | courses numbered at the 2000 level • 12 credit hours in other Honours field 6 credit hours in ancillary | Geredit hours in Religion courses numbered at the 4000 level Geredit hours in free | Geredit hours in free options The credit hours in other |
| credit hours in Religion | courses numbered at the 2000 level • 12 credit hours in other Honours field 6 credit hours in ancillary | Ceredit hours in Religion courses numbered at the 4000 level 6 credit hours in free options ³ 12 credit hours in other | • 6 credit hours in free options ³ • 12 credit hours in other Honours field |
| credit hours in Religion | courses numbered at the 2000 level • 12 credit hours in other Honours field 6 credit hours in ancillary | • 6 credit hours in Religion courses numbered at the 4000 level • 6 credit hours in free options ³ • 12 credit hours in other Honours field • 6 credit hours in Religion cou | courses numbered at the 4000 level • 6 credit hours in free options³ • 12 credit hours in other Honours field |
| credit hours in Religion | courses numbered at the 2000 level • 12 credit hours in other Honours field 6 credit hours in ancillary | eourses numbered at the 3000 level • 6 credit hours in Religion courses numbered at the 4000 level • 6 credit hours in free options ³ • 12 credit hours in other Honours field • 6 credit hours in Religion coulevel | courses numbered at the 4000 level • 6 credit hours in free options³ • 12 credit hours in other Honours field |
| credit hours in Religion | courses numbered at the 2000 level • 12 credit hours in other Honours field 6 credit hours in ancillary | • 6 credit hours in Religion courses numbered at the 4000 level • 6 credit hours in free options ³ • 12 credit hours in other Honours field • 6 credit hours in Religion coulevel | eourses numbered at the 4000 level • 6 credit hours in free options³ • 12 credit hours in other Honours field rses numbered at the 3000 urses numbered at the 4000 |
| credit hours in Religion | courses numbered at the 2000 level • 12 credit hours in other Honours field 6 credit hours in ancillary | • 6 credit hours in Religion courses numbered at the 4000 level • 6 credit hours in free options ³ • 12 credit hours in other Honours field • 6 credit hours in Religion coulevel • 12 credit hours in Religion coulevel | eourses numbered at the 4000 level • 6 credit hours in free options³ • 12 credit hours in other Honours field rses numbered at the 3000 urses numbered at the 4000 |

NOTES:

*Honours students will be expected to obtain six credit hours in each of the study areas B and C. In addition, for purposes of the Honours program, study area A is divided into two parts: (a) Bible and (b) the history of Western religion. Normally an Honours student will be expected to obtain six credit hours in each of those two parts.

The following courses satisfy Western Religious Traditions (A - Bible): RLGN 1120, RLGN 1390, RLGN 1400, RLGN 2150, RLGN 2160, RLGN 2760, RLGN 3200, RLGN 3240, RLGN 3780, RLGN 3800, RLGN 3824, RLGN 3830.

The following courses satisfy Western Religious Traditions (A — History of Western Religion): RLGN 1350, RLGN 2036, RLGN 2040, RLGN 2550, RLGN 2550, RLGN 2550, RLGN 2550, RLGN 2730, RLGN 2770, RLGN 2840, RLGN 2850, RLGN 3280, RLGN 3640, RLGN 3870, RLGN 4200, RLGN 4280.

¹ Religious traditions are categorized as follows:

Buddhism includes:

RLGN 2020, RLGN 3150, RLGN 3260, RLGN 3266, RLGN 4100.

Christianity includes:

RIGN 1350, RIGN 2036, RIGN 2040, RIGN 2050, RIGN 2170, RIGN 2520, RIGN 2530, RIGN 2550, RIGN 2560, RIGN 2840, RIGN 2850, RIGN 3200, RIGN 3230, RIGN 3240, RIGN 3780, RIGN 3870, RIGN 4200, RIGN 4280.

Hinduism includes:

RLGN 2010, RLGN 3210, RLGN 4060, RLGN 4190.

RLGN 2100, RLGN 2780, RLGN 2790, RLGN 3190, RLGN 3194, RLGN 4180.

RLGN 1120, RLGN 1390, RLGN 1400, RLGN 2140, RLGN 2160, RLGN 2730, RLGN 2760, RLGN 2770, RLGN 3280, RLGN 3800, RLGN 3810, RLGN 3824.

² Ancillary options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding Religion courses).courses taken from outside the Honours field of study.

3 Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including Religion courses).

34. Honours courses: all 4000 level courses.

<u>Ukrainian Canadian Heritage Studies</u>

Modifications to List B and List C, which relate to the following programs, are outlined on the next page:

- Bachelor of Arts (General Major) in Ukrainian Canadian Heritage Studies
- Bachelor of Arts (Single Advanced Major) in Ukrainian Canadian Heritage Studies
- Minor (Concentration) in Ukrainian Canadian Heritage Studies

Ukrainian Canadian Heritage Studies Program

- Modification to List B and List C

Added material

Deleted material

| | | 3 |
|--------------------------|---|---|
| | The Ukrainians in Canada (C) | 3 |
| RLGN 2520 | Eastern Christianity in North America-(A) | 3 |
| UCHS 3100 | adian Heritage Studies The Ukrainian Arts in Canada urse no longer offered. | 3 |
| | | |
| List C Faculty of Art | t s | |
| ECON 2510 | The Economy of Ukraine | 3 |
| German and S | lavic Studies | |
| UKRN 2710* | Ukrainian Literature of the 16th to 18th Centuries | 3 |
| UKRN 3700* | Church Slavic: Ukrainian Version | 3 |
| History | | |
| HIST 2600 | Introduction to Ukraine (E) | 3 |
| HIST 2610 | Making of Modern Ukraine (E) | 3 |
| HIST 3030* | Issues in Ukrainian History (E) | 3 |
| 011.255* | The History of Ukraine (E) | 6 |
| Political Studie | s | |
| POLS 2920* | Government, Politics and Society in Ukraine | 6 |
| POLS 3720 | Politics, Government and Society in Ukraine | 3 |
| Religion | | |
| RLGN 1350 | The History of Eastern Christianity—(A) | 6 |
| RLGN 2530 | Eastern Christianity in the Contemporary World-(A) | 3 |
| RLGN 3570* | Major Thinkers in the Eastern Christian Tradition (A) | 6 |
| Clayton H. Ri | ddell Faculty of Environment, Earth, and Resources | |
| Geography | | |
| GEOG 3600* | Geography of Ukraine (A) | 3 |
| School of Art | | |
| FAAH 3280 | Early Byzantine Art and Architecture | 3 |
| FAAH 3290 | Later Byzantine Art and Architecture | 3 |
| * Indicates cou | urse no longer offered. | |

Women's and Gender Studies

Introductions:

WOMN 2610 Gender, Transport and Social Justice Cr.Hrs. 3 +3.0 Examines the gendered impact of uneven access to transportation. Using feminist theories of gender and mobility, it considers claims that mobile women are in danger, and that different forms of transportation have gendered cultures. It studies the links between imperialism, development, and transportation. The course also examines the particular ways in which transportation disadvantage, automobility, limited public transit services, and aging in place affect women, as well as initiatives to promote sustainable transportation. Students may not hold credit for both WOMN 2610 and WOMN 2540 with the topic "Gender, Transport and Social Justice."

NET CHANGE IN CREDIT HOURS: +3.0

Program modifications:

Modifications to the following are outlined on the next pages:

- Bachelor of Arts (Single Honours) in Women's and Gender Studies
- Program Notes
- List A

Women's and Gender Studies

- Modification of Single Honours and Program Notes List A

Added material

Deleted material

8.29.2 Women's and Gender Studies

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | | | |
|--|---|--------|--------|--|--|--|
| SINGLE HONOURS ¹⁻² 3 | | | | | | |
| WOMN 1500 and WOMN 1600 | • WOMN 2000, WOMN 3000, WOMN 4100, WOMN 4200 | | | | | |
| | • 15 credit hours from Women's and Gender Studies courses | | | | | |
| | 12 credit hours from courses numbered at or above the 3000 level from Women's and Gender Studies courses and/or List A | | | | | |
| | • 12 credit hours from Women's and Gender Studies courses and/or List A | | | | | |
| | • 24 credit hours in ancillary options ¹ | | | | | |
| • 12 credit hours in free options ² | | | | | | |

NOTES:

² Honours courses: all 4000 level courses.

| List A | | | | | |
|------------------|--|----|---------------|--|--------|
| Faculty of A | rts | | | | |
| Anthropology | / | | | | |
| ANTH 3320 | Women in Cross-Cultural Perspective | 3 | History | | |
| ANTH 3321 | Femmes, société et cultures (USB) | 3 | HIST 2400 | History of Human Rights and Social | 3 |
| ANTH 3330 | Sex and Sexualities | 3 | | Justice in the Modern World (G,M) | |
| ANTH 3350* | Anthropology of Sex and Sexualities | 3 | HIST 2710* | Women in History (G) | 6 |
| | (B) | | HIST 3570* | History of Women in Canada (C) | 6 |
| Classics | • • | | HIST 3572 | The History of Women, Gender, and | 6 |
| CLAS 2210 | Women in Ancient Greece and Rome | 3 | | Sexuality in Canada (C) | |
| Economics | | | HIST 3760 | Problems in American History 1 | 3 |
| ECON 2360* | Women in the Canadian Economy | 6 | | Acceptable for credit only when the to | pic is |
| ECON 2362 | Economics of Gender | 3 | | "Gender and Sexuality in 20th Century | / |
| French, Span | ish and Italian | | | America." | |
| FREN 2680 | Littérature féminine française (B) | 3 | HIST 3810* | The Family, Love and Marriage in | 6 |
| FREN 3860 | Études sur Beauvoir (B) | 3 | | Western Society, 1500-1800 (E) | |
| German | | | HIST 3811 | Famille, amour et marriage dans la | 6 |
| GRMN 1310 | Love in German Culture in English | 3 | | société occidentale, 1500-1800 (E) | |
| | Translation (C) | | HIST 3820* | The Women's Movement, 1850 to the | 6 |
| GRMN 3280 | Sex, Gender and Cultural Politics in the | e3 | | Present (G) | |
| | German-Speaking World (B) | | HIST 4060 | Gender History in Canada (C) | 6 |
| GRMN 3282 | Sex, Gender and Cultural Politics in the | 23 | Native Studie | es | |
| | German-Speaking World in English | | NATV 2430 | Indigenous Women's Stories | 3 |
| | Translation (C) | | NATV 3360 | Aboriginal Women of Canada | 3 |

¹ Ancillary options are eourses taken from outside the Honours field of study to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding Women's and Gender Studies courses).

² Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including Women's and Gender Studies courses). WOMN 4120 is strongly recommended although not required.

| NATV 3300 | Canadian Aboriginal Societies | 3 |
|------------------|--|------|
| Philosophy | | |
| PHIL 3220 | Feminist Philosophy | 3 |
| Political Stud | ies | |
| POLS 3100 | Gender and Politics in Canada | 3 |
| POLS 3240 | Feminist Political Theory | 3 |
| Psychology | | |
| PSYC 2390 | Psychology of Women | 3 |
| PSYC 2400 | The Psychology of Sex Differences | 3 |
| Religion | | |
| RLGN 2680 | Women and Religion 1 | 3 |
| RLGN 2690 | Women and Religion 2 | 3 |
| Slavic Studie | | |
| RUSN 2350* | | 3 |
| | 1950s to the Present Day | |
| RUSN 3980 | Women and Russian Literature | 3 |
| UKRN 3970 | Women and Ukrainian Literature | 3 |
| Sociology | | |
| SOC 2460 | The Family | 3 |
| SOC 2461 | La famille (USB) | 3 |
| SOC 2470 | Courtship and Marriage | 3 |
| SOC 2471* | The Family La famille (USB) Courtship and Marriage Les fréquentations et le mariage (USB) Women, Health and Medicine Women, Crime and Social Justice | 3 |
| SOC 3770 | Women, Health and Medicine | 3 |
| SOC 3790 | Women, Crime and Social Justice | 3 |
| SOC 3810 | Sociological Perspectives on Gender | 3 |
| | and Sexuality | |
| SOC 3811 | Sociologie de la sexualité et des rôles | 3 |
| - · · · · · | sexuels (USB) | |
| School of Ar | | _, |
| FAAH 2110 | Women and Art | 3 |
| FAAH 4090 | Seminar on Contemporary Issues in Art | 3 |
| | Acceptable for credit only when the top | ic i |
| | "Women Artists." | |
| Clayton H. F | Riddell Faculty of Environment, Eart | h, |
| and Resource | ces | |
| | Gender and the Human Environment | 3 |
| Marcel A. De | esautels Faculty of Music | |
| MUSC 4130 | History of Women in Music | 3 |
| Faculty of N | | |
| NURS 3330 | Women and Health | 3 |
| * Indicates co | ourse no longer offered. | |

Faculty of Engineering

Biosystems Engineering

Deletion:

ENG 2020 Engineering CAD Technology for Biosystems Cr.Hrs. 2

-2.0

Introductions:

ENG 2022 Engineering CAD Technology for Biosystems Cr.Hrs. 3 +3.0 Instruction in the use of current CAD technology for conveying design through the use of graphics. Students will gain knowledge in technical drawing, 3D modelling techniques, production technology, and visual communication. Registration restricted to students in Engineering. Prerequisite: BIOE 2580.

BIOE 2600 Plant and Animal Physiology for Engineers Cr.Hrs. 4 +4.0 Plant and animal physiology as affected by environment for use in the design of agricultural machines, structures, and food processes for biological products; models of simulation of plant and animal growth. May not be held with the former AGRI 2200. Prerequisite: BIOE 2590.

BIOE 3400 Design of Structural Components in Machines Cr.Hrs. 4 +4.0 Design of structural components in machines; designing for axial tension and compression, connections for axial loadings, pinned trusses, bending, torsion, and combined loads; designing for welded connections; use of fluid power to enable movement of structural components. Students will use the computer as a design tool. May not be held with BIOE 4530. Prerequisite: CIVL 2800 or MECH 2222.

NET CHANGE IN CREDIT HOURS: +9.0

Electrical and Computer Engineering

Modification:

ECE 2240 Numerical Methods for Electrical Engineers Cr.Hrs. 4 0.0 Numerical methods applied to Electrical Engineering problems; mathematical models of physical systems, solutions of linear and non-linear equations, numerical differentiation and integration methods and associated errors, introduction to solution analysis. May not be held with MATH 2120. Prerequisites ECE 2262, COMP 1012, MATH 2132.

NET CHANGE IN CREDIT HOURS: 0.0

Faculty of Human Ecology

Family Social Sciences

Deletions:

FMLY 1020 Family Issues Across the Lifespan Cr.Hrs. 3

-3.0

Introductions:

FMLY 1000 Families in Contemporary Canadian Society Cr. Hrs. 3

+3.0

This course provides an introduction to issues in contemporary families from an interdisciplinary perspective. Changing and diverse family forms and experiences are reviewed. An overview of issues pertinent to family well-being, including but not limited to immigration, poverty, homelessness, racism, addiction, disability, divorce, and physical and mental illness is provided. Not to be held with 062.114 or 062.102 or FMLY 1020.

FMLY 2500 Diversity and Families Cr.Hrs. 3

+3.0

Using the theoretical frameworks of intersectionality and social ecology, this class addresses how family diversity in Canada is influenced by age, gender, ability, ethnicity, race, as well as family relationships, institutions, and social policies. A focus on human rights and anti-racism education is emphasized. Not to be held with 062.235 or FMLY 2350. Prerequisites: FMLY 1000 (FMLY 1020 or 062.102) or FMLY 1010 or equivalent.

FMLY 3750 Fundamentals of Health Promotion Cr.Hrs. 3

+3.0

This course provides an interdisciplinary life course perspective on theories and methods of health promotion. Current research, practices and policies in health promotion targeting individuals, families and communities will be critically reviewed with regard to issues of gender, culture, age, functional ability, socio-economic status, sexual orientation, and other determinants of health. Prerequisites: HEAL 2600 or PERS 1200 or PERS 1400.

Modifications:

FMLY 2800 Family Violence Cr.Hrs. 3

0.0

A survey of the extent and nature of various forms of family violence across the life course. Topics include physical and sexual child abuse, sibling violence, partner violence, and elder abuse. Emphasis is on prevalence, incidence, causes, consequences and solutions. Prerequisite: FMLY 1010 (062.101) or FMLY 1000 (FMLY 1020 or 062.102) or PSYC 1200 (017.120) or SOC 1200 (077.120).

FMLY 3220 Death and the Family Cr.Hrs. 3

0.0

An examination of dying and death of family members throughout the family life cycle. Specific topics included are the meaning of death, the process of dying, caring relationships, grief and bereavement. Prerequisite: FMLY 1000 (FMLY 1020 or 062.102) or PSYC 1200 (017.120) or SOC 1200 (077.120).

FMLY 3240 Families and the Later Years Cr.Hrs. 3

0.0

An investigation of family issues in the later years of life, such as housing, intergenerational relations, adjustment to retirement, sibling relations, grandparenting, death. Students may not hold credit for FMLY 3240 (062.324) and the former 062.321. Prerequisites: [FMLY 1010 (062.101) and FMLY 1000 (FMLY 1020 or 062.102)] or PSYC 1200 (017.120) or SOC 1200 (077.120).

FMLY 4330 Management of Family Stress Cr.Hrs.

0.0

Theories which influence family behaviour during stress are discussed, and coping/managerial skills to mitigate the effects of the stressors are examined. Stress management advice from

agencies and in educational settings is analyzed. Prerequisite: FMLY 1000 (FMLY 1020 or 62.102).

FMLY 4606 A Social Justice Perspective on Indigenous Maternal and Child Health Cr.Hrs. 3 0.0 This course examines the local and global challenges regarding the health care and health care needs of Indigenous peoples, with particular attention to childbearing women, new mothers, and young children. Interdisciplinary theories and methods applied to the study of Indigenous peoples are critically evaluated from Indigenous and social justice perspectives. Prerequisite: FMLY 2500 (FMLY 2350 or 062.235) or NURS 3330 (049.333) or NATV 1220 (032.122) or NATV 1240 (032.124).

NET CHANGE IN CREDIT HOURS: +3.0

Program modifications:

Proposed changes to the **Bachelor of Human Ecology in Family Social Sciences** are outlined on the next page.

Family Social Sciences – General Degree (120 credit hours)

Revised 2014

| Course Number | Course Name | Credit |
|---|---|---------|
| STAT 1000 | Basic Statistical Analysis | Hours 3 |
| One of STAT 2000, COMP 1260 or any other Science course | Basic Statistical Analysis 2, Introductory Computer Usage 1, or any other Science course | 3 |
| One of: ECON 1010, 1020, 1210 or 1220 | Principles of Economics, Introduction to Canadian Economic Issues, or Introduction to Global and Environmental Economic Issues and Policies | 3 - 6 |
| HMEC 2000 | Research Methods and Presentation | 3 |
| HMEC 3000 | Introduction to Social Epidemiology | 3 |
| HEAL 2600 | Integration of Health Determinants of Individuals | 3 |
| FMLY 1010 | Human Development in the Family | 3 |
| FMLY 1012 | Introduction to Social Development | 3 |
| FMLY 1020 | Family Issues Across the Lifespan | |
| FMLY 1000 | Families in Contemporary Canadian Society | |
| FMLY 1420 | Family Management Principles | - 3 |
| FMLY 2350 | Multicultural Family Issues | 3 |
| FMLY 2500 | Families and Diversity | |
| FMLY 2400 | Family Financial Health | 3 |
| NEW: FMLY 3750 | Fundamentals of Health Promotion | 3 |
| FMLY 3780 | Introduction to the Development of Programs for Children and Families | 3 |
| FMLY 3790 | Introduction to the Evaluation of Programs for Children and Families | 3 |
| PSYC 1200 or SOC 1200 | Introduction to Psychology or Introduction to Sociology | 6 |
| | Department Electives | 24 |
| | Faculty Electives (3000 level or higher) | 3 |
| | Outside Electives | 12 - 15 |
| | Free Electives | 27 |

Program modifications:

Proposed changes to the **Bachelor of the Human Ecology After Degree in Family Social Sciences** are outlined on the next page.

The After Degree in Family Social Sciences

Revised 2014

| | 1 |
|---|--|
| | Hours |
| Basic Statistical Analysis | 3 |
| | 6-9 |
| Research Methods and Presentation | |
| Introduction to Social Epidemiology | |
| Integration of Health Determinants of Individuals | |
| | |
| | |
| Multicultural Family Issues | 3 |
| Family Financial Health | 3 |
| Fundamentals of Health Promotion | 3 |
| Introduction to the Development of Programs for Children and Families | 3 |
| Introduction to the Evaluation of Programs for Children and Families | 3 |
| | 6 |
| | |
| Foundations of Childhood Developmental Health | |
| Family Violence | |
| Development, Conflict, and Displacement | |
| The Social Aspects of Aging | |
| | 15 |
| | 15-18 |
| | 12 - 15 |
| | Introduction to Social Epidemiology Integration of Health Determinants of Individuals Multicultural Family Issues Family Financial Health Fundamentals of Health Promotion Introduction to the Development of Programs for Children and Families Introduction to the Evaluation of Programs for Children and Families Foundations of Childhood Developmental Health Family Violence Development, Conflict, and Displacement |

Program modifications:

Proposed changes to the **Bachelor of Human Ecology in Family Social Sciences, Social Development Option**, of the, are outlined on the next page.

| Course Number | Course Name | Credit |
|-----------------------|--|--------|
| | Ni (0) - In I | Hours |
| CM V 2012 | Nine (9) credit hours from: | 9 |
| FMLY 2012 | Development, Conflict, and Displacement | 3 |
| FMLY 3012 | Theories of Social Development | 3 |
| FMLY 4012 | Social Development Policies | 3 |
| NEW: FMLY 4400 | Family Economics, Poverty and Wealth | 3 |
| | Three (3) credit hours from: | 3 |
| HMEC/SWRK/REC 2650 | Social Aspects of Aging | |
| FMLY 2800 | Family Violence | |
| FMLY 3240 | Families in Later Years | |
| FMLY 3400 | Families as Consumers | |
| FMLY 3800 | Conflict Resolution in the Family | |
| FMLY 4220 | Aging and Risk in a Global Context | |
| FMLY 4330 | Stress in the Family | |
| FMLY 4400 | Family Economics, Poverty and Wealth | |
| FMLY 4602 | Family Relationships, Health and Well-Being | |
| FMLY 4604 | Children in Adversity | |
| FMLY 4480 | Work and Family Issues | |
| | Six (6) credit hours from: | 6 |
| ANTH 1220 | Cultural Anthropology | |
| LABR 3220 | Global Sweatshops, Global Struggles | |
| NATV 1220 | The Native Peoples of Canada, Part 1 | |
| NATV 1240 | The Native Peoples of Canada, Part 2 | |
| POL 1000 | Democracy and Development | |
| POL 2070 | Introduction to Canadian Government | |
| POL 4710 | Political Theory and the Family | |
| SOC 2320 | Canadian Society and Culture | |
| SOC 3890 | Power and Inequality in Comparative Perspective | |
| SWRK 2050 | Community and Organizational Theory | |
| WOMN 1600 | Introduction to Women's and Gender Studies in the Social | |
| | Sciences | |

General Human Ecology

Program modification:

Proposed changes to the **Bachelor of Human Ecology** program are outlined on the next page.

Human Ecology General Degree (120 credit hours)

Revised 2014

| Course Number | Course Name | Credit Hours |
|---------------------------------|--|-----------------|
| STAT 1000 | Basic Statistical Analysis | 3 |
| Any Science course | | 3 |
| ECON 1010 and | Principles of Economics, Introduction to Canadian Economic Issues, | |
| 1020, or 1210 and | or Introduction to Global and Environmental Economic Issues and | |
| 1220 | Policies | |
| ECON 2XXX | ECON 2280, ECON 2310, ECON 2390, ECON 2400, | 6 |
| | ECON 2540, ECON 2550 | |
| HMEC 2000 | Research Methods and Presentation | 3 |
| HMEC 3000 | Introduction to Social Epidemiology | 3 |
| HEAL 2600 | Integration of Health Determinants of Individuals | 3 |
| 6 credit hours from | FMLY 1010, FMLY 1012, and FMLY 1420 | 6 |
| FMLY 1020 | Family Issues Across the Lifespan | 3 |
| FMLY 1000 | Families in Contemporary Canadian Society | |
| FMLY 2350 | Multicultural Family Issues | . 3 |
| FMLY 2500 | Families and Diversity | |
| HNSC 1200 | Food: Facts and Fallacies | 3 |
| HNSC 1210 | Nutrition and Health and Changing Lifestyles | 3 |
| HNSC 2130 | Nutrition through the Life Cycle | 3 |
| TXSC 1600 | Textiles for Living | 3 |
| TXSC 1610 | Textiles, Product and Consumers | 3 |
| NATV 1220 and 1240 or NATV 1200 | Native Peoples of Canada | 6 |
| PSYC 1200 or SOC 1200 | Introduction to Psychology or Introduction to Sociology | 6 |
| | Faculty of Human Ecology Electives (at least 9 credit hours at the 3000 level or higher) | 24 |
| | Minor/Option/Free Electives | 18 |
| | Free Electives | 12 |
| | | |

Faculty of Law

Deletions:

| LAW 2510 Problems in Contract and Tort Cr.Hrs. 2 | -2.0 |
|--|------|
| LAW 3010 Agency Cr.Hrs. 2 | -2.0 |
| LAW 3040 Sales and Consumer Law Cr. Hrs. 2 | -2.0 |
| LAW 3550 Crime, Law and Society Cr.Hrs. 3 | -3.0 |

Introductions:

LAW 3030 Research Paper B Cr.Hrs. 3

+3.0

Details in each case to be worked out with the Associate Dean. 10,000 words for 3 credit hours. May not be held with LAW 3490.

LAW 3032 Court of Queen's Bench Clerkship Cr.Hrs. 3

+3.0

Students will be expected to provide research assistance to the Justices, and students will be asked to provide written memoranda and other research to help the Justices prepare for trial or application hearings. Discussions of legal issues may follow from the work that students do. May not be held with LAW 3250 when titled "Court of Queen's Bench Clerkship". Grading: Pass/Fail.

LAW 3034 Court of Appeal Clerkship Cr.Hrs. 3

+3.0

Students will be expected to provide research assistance to the Justices, and students will be asked to provide written memoranda to help the Justices prepare for hearings. Discussions of legal issues may follow from the other work that students do. Grading: Pass/Fail.

Modifications:

LAW 1530 Legal System Cr.Hrs. 2

0.0

An introduction to the study of law including initial analysis of various aspects of legal history, the structure of the legal system, legal reasoning, statutory interpretation, dispute resolution and the role of judiciary.

LAW 3490 Research Paper Cr.Hrs. 2

0.0

A research paper must be a minimum of 7,500 words, excluding footnotes and bibliography. May not be held with LAW 3030.

NET CHANGE IN CREDIT HOURS: 0.0

College of Nursing

Introductions:

NURS 3510 Client and Context 3: Supportive and Palliative Care Cr.Hrs. 3

+3.0

This course provides students with the knowledge and critical thinking skills to provide supportive and palliative nursing care to individuals and families experiencing a variety of life-threatening illnesses including end of life. May not be held with NURS 4250. Prerequisites: HNSC 1210 and NURS 2542. Registration is normally restricted to students in Year 3 of the program.

NURS 3512 Health and Illness 4: Acute and Chronic Illness Cr.Hrs. 5 +5.0 This course provides students with the knowledge and critical thinking skills necessary to provide nursing care to individuals and families experiencing acute and chronic illness. May not be held with NURS 3290 and NURS 3310. Prerequisites: HNSC 1210 and NURS 2542. Registration is normally restricted to students in Year 3 of the program.

NURS 3514 Health and Illness 5: Mental Health and Illness Cr.Hrs. 3 +3.0 This course provides students with the knowledge and critical thinking skills necessary to provide nursing care to individuals and families experiencing acute and chronic mental illness and/or mental health problems. May not be held with NURS 4260. Prerequisites: NURS 3510, NURS 3512 and NURS 3540. Registration is normally restricted to students in Year 3 of the program.

NURS 3520 Professional Foundations 2: Health Education Cr.Hrs. 2 +2.0 This course provides students with the knowledge and skills necessary to provide health information to clients across the lifespan in a variety of settings in both planned and spontaneous situations. Emphasis will be placed on client assessment and the appropriate use of existing health information resources. Prerequisite: NURS 2542. Registration is normally restricted to students in Year 3 of the program.

NURS 3530 Nursing Skills 3 Cr.Hrs. 1

+1.0

This course introduces students to the basic health assessment and psychomotor skills necessary to provide intermediate-level nursing care in the practice setting. May not be held with NURS 3280. Prerequisite: NURS 2542. Registration is normally restricted to students in Year 3 of the program. This course is graded on a pass/fail basis.

NURS 3532 Nursing Skills 4 Cr.Hrs. 1

+1.0

This course will provide students with opportunities to respond to complex and emotionally charged clinical situations in a safe environment and to critically assess their responses to these situations. May not be held with NURS 2130. Prerequisite: NURS 3540. Pre-or corequisite: NURS 3514. Registration is normally restricted to students in Year 3 of the program. This course is graded on a pass/fail basis.

NURS 3540 Nursing Practice 3 Cr.Hrs. 4

+4.0

This course enables students to demonstrate clinical competence by applying the theoretical knowledge, psychomotor skills and health assessment skills covered in Year 3 Term 1 courses in the practice setting. May not be held with NURS 3300, NURS 3310, and NURS 4270. Pre-or corequisites: NURS 3510, NURS 3512, NURS 3520, and NURS 3530. Registration is normally restricted to students in Year 3 of the program. This course is graded on a pass/fail basis.

NURS 3542 Nursing Practice 4 Cr.Hrs. 4

+4.0

This course enables students to demonstrate clinical competence by applying the theoretical knowledge and simulation skills covered in Year 3 Term 2 courses in the practice setting. May not be held with NURS 3300, NURS 3310, and NURS 4270. Pre-or corequisites: NURS 3514, NURS 3532, NURS 3550, and NURS 3560. Registration is normally restricted to students in Year 3 of the program. This course is graded on a pass/fail basis.

NURS 3550 Professional Foundations 3: Evidence Informed Practice in the Health Sciences Cr.Hrs. 4 +4.0

This course provides students with the knowledge and skills to locate and critically appraise nursing and health care literature, and to make decisions about how research knowledge can be

transferred into nursing and health care practice. May not be held with NURS 3210. Prerequisite: NURS 2542. Registration is normally restricted to students in Year 3 of the program.

NURS 3560 Professional Foundations 4: Law and Ethics in Nursing Practice Cr.Hrs. 3 +3.0 This course provides the student with knowledge regarding the legal and ethical foundations that guide nursing practice. May not be held with NURS 3450. Prerequisite: NURS 2542. Registration is normally restricted to students in Year 3 of the program.

NET CHANGE IN CREDIT HOURS: +30.0

Program modification:

Proposed modifications to Year 3 of the **Bachelor of Nursing** program are detailed on the next pages.

Academic Calendar *Current* Program Charts & Descriptions

Four-Year Baccalaureate Nursing Program

PROGRAM GRADUATION REQUIREMENTS

The program can be done by part-time and full-time study. All courses from any given year are to be completed before proceeding to the next year.

| Course No. | Course Name | Credit Hours |
|------------------|--------------------------------|--------------|
| University 1 | 30 credit hours | |
| BIOL 1410 | Anatomy of the Human Body | 3 |
| | (see Note 1) | |
| BIOL 1412 | Physiology of the Human Body | у 3 |
| | (see note 1) | |
| NURS 1260 | Human Growth and | 3 |
| | Development | |
| | (see note 2) | |
| NURS 1280 | Introduction to Nursing | 3 |
| | (see note 2) | |
| MBIO 1220 | Essentials of Microbiology | 3 |
| | (see Note 1) | |
| | Social Science | 6 |
| | (6 credits – see Note 1) | |
| PSYC 1200 Or | Introduction to Psychology | 6 |
| SOC 1200 Or | Introduction to Sociology | 6 |
| ANTH 1210 And | Human Origins and Antiquity | (3) |
| ANTH 1220 | Cultural Anthropology | (3) |
| | Science | 6 |
| | (6 credits from the Faculty of | Science, |
| | See Notes 1, 4, 5 & 6) | |
| | Humanities Elective | 3 |
| | (see Notes 1, 3 & 7) | |

Note 1: All courses can be competed in University 1, or equivalent program, if students do not wish to extend their program of study.

Note 2: NURS 1260 and NURS 1280 will be no longer offered after winter 2015.

Note 3: Humanities. English, Philosophy, History, Religion, Languages, Classics, Native Studies, etc. Humanities

Information is found in the chapter for Faculty of Arts, Additional Faculty Regulations and Policies section 5.1.1. WOMN 1600 Women in the Social Sciences does not meet the Humanities requirement.

Note 4: Science Prerequisites. Students must meet the current Science prerequisites before registration for Science courses. See the chapter for the Faculty of Science for the current prerequisites. It is preferred that the above prerequisites have been completed within the last five years.

Note 5: With the exception of Geological Sciences (GEOL 1XXO), courses under the Clayton H. Riddell Faculty of Environment, Earth, and Resources do not meet the Science elective requirement if taken 2003-2004 and later. 1000 level introductory Geological Sciences courses (GEOL 1XXX now offered under Clayton H. Riddell Faculty of Environment, will be accepted as Sciences courses taken prior to September 1, 2006.

Note 6: The course BIOL 1110 Health and Health Professions may not be used as a Science elective. It may, however, be used as an elective from year 4, provided that the level requirements of all electives are met.

Note 7: Six credits of the twelve credits of electives including the Native Studies and the Humanities electives must be at the 2000 level or above. Students should check for prerequisites for 2000 and 3000 level Native Studies courses.

| Course No. | Course Name | Credit Hours |
|------------|-----------------------------------|--------------|
| Year 2 | 31 credit hours | |
| STAT 1000 | Basic Statistical Analysis | 3 |
| NURS 2120 | Nursing Health Assessmen | t 4 |
| NURS 2130 | Nursing Skills Laboratory | 2 |
| NURS 2180 | Clinical Nursing Practice 1 | 3 |
| NURS 2190 | Clinical Practice 2 | 3 |
| NURS 2220 | Pharmacology in Nursing | 3 |
| | Practice | |
| NURS 2230 | Health Promotion of Older | 4 |
| | Adults and Their Families | |
| NURS 2240 | Health Promotion of Child | 6 |
| | Bearing and Child Rearing | |
| | Families | |
| HNSC 1210 | Nutrition for Health and | 3 |
| | Changing Lifestyles | |

CURRENT COURSE DESCRIPTIONS

Nursing Course Descriptions - 1000 Level

NURS 1260 Human Growth and Development Cr. Hrs. 3 (Formerly 049.126) Study of the normal growth and development across the lifespan, with consideration of current physiological and psychological knowledge.

NURS 1280 Introduction to Nursing Cr. Hrs. 3 (Formerly 049.128) The profession of nursing and basic concepts relevant to nursing practice, education, and research are described. Past, present and future roles and functions of the nurse will be explored.

Nursing Course Description - 2000 Level

NURS 2120 Nursing Health Assessment Cr. Hrs. 4 (Formerly 049.212) This course focuses on the theory and skills necessary to collect a comprehensive health history and perform a complete physical examination. Nursing Health assessment is presented as the systematic collection of data that can be used to make decisions about ways to promote, maintain or restore assessment.

NURS 2130 Nursing Skills Laboratory Cr. Hrs. 2 ((Formerly 049.213) This is a scenario based course with an emphasis on provision of safe, competent, ethical care in the context of provision of introductory psychomotor nursing skills. Content is current and evidence based and deals with individuals across the lifespan and across cultures. Development of Independent learning strategies and evaluation of learning needs are integral to the course.

NURS 2180 Clinical Nursing Practice I Cr. Hrs. 3 (Formerly 049.218) Concepts of health and promotion are applied to the care of infants, children, adolescents and young adults. The focus is on health related nursing phenomena and the development of assessment, communication, teaching/facilitative skills, and basic psychomotor skills. Pre or corequisite: NURS 1280 (or 049.128) and NURS 2120 (or 049.212); and NURS 2130 (or 049.213) and NURS 2240. Course is evaluated on pass/fail basis.

NURS 2190 Clinical Nursing Practice II Cr. Hrs. 3 (Formerly 049.219) Concepts of health promotion and illness prevention are applied to the care of healthy and at risk elderly adults. The focus is on health risk phenomena

and the development of assessment, communication, teaching/facilitative, and basic psychomotor skills. Pre or corequisite: NURS 1280 (or 049.128) and NURS 2120 (or 049.212); and NURS 2130 (or 049.213) and NURS 2230. Course is evaluated on a pass/fail basis.

NURS 2220 Pharmacology in Nursing Practice Cr. Hrs. 3 (Formerly 049.222) Course introduces students to basic concepts and principles related to pharmacology (pharmacokinetics, pharmacodynamics, pharmacotherapeutics) and the nurses' role in the drug therapy. The major classifications of drugs will be examined along with the issues arising from the use of drug therapy in contemporary society. Prerequisites: ZOOL 1320 (or 022.132) and ZOOL 1330 (or 022.133).

NURS 2230 Health Promotion of Older Adults and their families Cr. Hrs. 4

Focuses on the aging changes that occur in older adults and the interaction between aging changes and illness and the resultant presentation of symptoms and functional consequences. Health promotion strategies, including health teaching are highlighted to encourage, maintain and enhance independence, based on the older adult's abilities. Selected teaching/learning models, barriers and motivators, and their application to older adults are discussed.

NURS 2240 Health Promotion in Child Bearing & Child Rearing Families Cr. Hrs. 6

This course provides an overview of health promotion in infants, children, adolescents, parents within the family context. The focus is on theories, concepts, nursing research, evidence-based nursing practice and nursing care related to children and families. Prerequisite: ZOOL 1320 (or 022.132), ZOOL 1330 (or 022.133), NURS 1260 (or 049.126) and NURS 1280 (or 049.128). Pre or corequisite: NURS 2120 (or 049.212).

Academic Calendar *Revised* Program Charts & Descriptions

Proposed Bachelor of Nursing Program

BACHELOR of NURSING

All courses from any given year are to be completed before proceeding to the next year.

| Course No. University 1 (pre-nursing) | Course 30 cred | Name it hours | Credit Hours |
|---------------------------------------|-------------------|----------------------------|--------------|
| BIOL 1410 | Anaton | ny of the Human Body | 3 |
| BIOL 1412 | Physiol | ogy of the Human Body | 3 |
| MBIO 1220 | Essenti | als of Microbiology | 3 |
| | (see No | te 3) | |
| | Science | Electives | |
| | (see No | tes 1, 2, 3, 5) | 9 |
| | Elective | es (see Note 5) | 12 |
| | (Any co | mbination of the | |
| | followi | ng courses/subjects | |
| | for a to | otal of 12 credits) | |
| | • | Social Sciences | (6-12) |
| | | (see Note 4) | |
| | • | Humanities (see Note 4) | (6-12) |
| | • | NURS 1280 Introduction | on |
| | | to Nursing | (3) |
| | • | NURS 1500 Preparing | |
| | | for Professional | |
| | | Nursing Education | (3) |

Note 1: Science electives are courses taught by the Faculty of Science. With the exception of Geological Sciences (GEOL 1XXX), courses under the Clayton H. Riddell Faculty of Environment, Earth, and Resources do not meet the Science elective requirement if taken 2003-2004 and later. 1000 level introductory Geological Sciences courses (GEOL 1XXX now offered under Clayton H. Riddell Faculty of Environment, will be accepted as Sciences courses taken prior to September 1, 2006.

Note 2: HEAL 1600 Health and Health Professions may not be used as Science elective.

Note 3: Science prerequisites. Students must meet the current Science prerequisites before registration for

Science courses. See the chapter for the Faculty of Science for the current prerequisites. It is preferred that the above prerequisites have been completed within the last five years.

Note 4: Information regarding Social Sciences and Humanities subjects is found in the chapter for Faculty of Arts, Additional Faculty Regulations and Policies section 5.1.1.

Note 5: All of the elective courses must be at the 1000 level or higher.

| Course No. Year 2 | Course Name 30 credit hours | Credit Hours |
|------------------------|--------------------------------|--------------|
| Term 1 | | |
| NURS 2500 | Health & Illness 1: | |
| | Pathophysiology/Pharmac | cology/ |
| | Assessment | 6 |
| NURS 2510 | Client & Context 1: Humar | า |
| | Growth and Development | 2 |
| NURS 2512 | Health & Illness 2: The Old | ler |
| | Client | 2 |
| NURS 2520 | Professional Foundations | 1: |
| | Development of Professio | nal |
| | Identity | 2 |
| NURS 2530 | Nursing Skills 1 | 1 |
| NURS 2540 | Nursing Practice 1 | 2 |
| | | |
| Term 2 | | |
| NURS 2514 | Health & Illness 3: | . , |
| | Pathophysiology/Pharmac | |
| NUIDC 2546 | Assessment | 6 |
| NURS 2516 | Client & Context 2: Human | |
| NUIDC 2522 | Diversity | 2 |
| NURS 2532 | Nursing Skills 2 | 2 |
| NURS 2542 HNSC 1210 | Nursing Practice 2 | 3 |
| HNSC 1210 | Nutrition for Health & | 2 |
| | Changing Lifestyles | |
| Year 3 | 30 credit hours | |
| Term 1 | | |
| NURS 3510 | Client and Context 3: Supp | oortive |
| | and Palliative Care | 3 |
| NURS 3512 | Health and Illness 4: Acute | • |
| | and Chronic Illness | 5 |

| NURS3520 | Professional Foundations 2: | |
|-----------|------------------------------------|------|
| | Health Education | 2 |
| NURS 3530 | Nursing Skills 3 | 1 |
| NURS 3540 | Nursing Practice 3 | 4 |
| Term 2 | | |
| NURS 3514 | Health & Illness 5: Mental He | alth |
| | And Illness | 3 |
| NURS 3532 | Nursing Skills 4 | 1 |
| NURS 3542 | Nursing Practice 4 | 4 |
| NUR 3550 | Professional Foundations 3: | |
| | Evidence Informed Practice in | ı |
| | the Health Sciences | 4 |
| NURS 3560 | Professional Foundations 4: | |
| | Law and Ethics in Nursing | 3 |

COURSE DESCRIPTIONS

Nursing Course Descriptions - 2000 Level

NURS 2500 Health and Illness 1 Cr. Hrs. 6

This course provides students with a comprehensive survey of selected pathophysiological processes that produce alterations in human health, and the related pharmacological interventions and health assessment techniques. May not be held with NURS 2120, NURS 2220, NURS 3290, and NURS 3310.

NURS 2510 Client and Context 1 Cr. Hrs. 2

This course provides students with knowledge of normal human growth and development across the lifespan. May not be held with NURS 1260. Registration is normally restricted to students in Year 2 of the program.

NURS 2512 Health and Illness 2 Cr. Hrs. 2

This course provides students with knowledge of the agerelated changes that occur in older adults; the interaction between age-related changes and illness; the functional consequences of these interactions; and the presentation of symptoms commonly observed in this age group. Nursing strategies to encourage, maintain and enhance independence in the older adult are discussed. May not be held with NURS 2230. Pre-or co-requisites: NURS 2500 and NURS 2510. Registration is normally restricted to students in Year 2 of the program.

NURS 2514 Health and Illness 3 Cr. Hrs. 6

This course provides students with a comprehensive survey of selected pathophysiological processes that produce

alterations in human health, and the related pharmacological interventions and health assessment techniques. May not be held with NURS 2120, NURS 2220, NURS 3290, and NURS 3310. Prerequisite: NURS 2500. Registration is normally restricted to students in Year 2 of the program.

NURS 2516 Client and Context 2 Cr. Hrs. 2

This course provides students with knowledge of the social factors that enhance or diminish the health of individuals, families and communities. Students will also analyze the concept of client-centred care and its relevance in professional nursing practice. Pre-or co-requisites: NURS 2500 and NURS 2520. Registration is normally restricted to students in Year 2 of the program.

NURS 2520 Professional Foundations 1 Cr. Hrs. 2 This course provides the student with an introduction to the conduct, knowledge and values that characterize a professional registered nurse. Registration is normally restricted to students in Year 2 of the program.

NURS 2530 Nursing Skills 1 Cr. Hrs. 1

This course introduces students to the basic health assessment and psychomotor skills necessary to provide novice-level nursing care in the practice setting. May not be held with NURS 2120 and NURS 2130. Pre-or corequisite: NURS 2500. Registration is normally restricted to students in Year 2 of the program. This course is graded on a Pass/Fail Basis.

NURS 2532 Nursing Skills 2 Cr. Hrs. 1

This course introduces students to the basic health assessment and psychomotor skills necessary to provide novice-level nursing care in the practice setting. May not be held with NURS 2120 and NURS 2130. Prerequisites: NURS 2530 and NURS 2540. Pre-or co-requisite: NURS 2514. Registration is normally restricted to students in Year 2 of the program. This course is graded on a Pass/Fail Basis.

NURS 2540 Nursing Practice 1 Cr. Hrs. 2

This course enables students to demonstrate clinical competence by applying the theoretical knowledge, psychomotor skills and health assessment skills covered in Year 1 Term 1 courses in the practice setting. Pre-or corequisites: NURS 2500, NURS 2510, NURS 2512, NURS 2520 and NURS 2530. Registration is normally restricted to

students in Year 2 of the program. This course is graded on a pass/fail basis.

NURS 2452 Nursing Practice 2 Cr. Hrs. 3

This course enables students to demonstrate clinical competence by applying the theoretical knowledge, psychomotor skills and health assessment skills covered in Year 1 Term 2 courses in the practice setting. May not be held with NURS 2190. Pre-or co-requisites: NURS 2514, NURS 2516, NURS 2522 and NURS 2532. This course is graded on a pass/fail basis.

Nursing Course Descriptions - 3000 Level

NURS 3510 Client and Context 3: Supportive and Palliative Care Cr. Hrs. 3

This course provides students with the knowledge and critical thinking skills to provide supportive and palliative nursing care to individuals and families experiencing variety of life-threatening illnesses including end of life. May not be held with NURS 4250. Prerequisites: HNSCxxxx and NURS 2542. Registration is normally restricted to students in Year 3 of the program.

NURS 3512 Health and Illness 4: Acute and Chronic Illness, Cr. Hrs. 5

This course provides students with the knowledge and critical thinking skills necessary to provide nursing care to individuals and families experiencing acute and chronic illness. May not be held with NURS 3290 and NURS 3310. Pre-requisites: HNSCxxxx and NURS 2542. Registration is normally restricted to students in Year 3 of the program.

NURS 3514 Health and Illness 5: Mental Health and Illness Cr. Hrs. 3

This course provides students with the knowledge and critical thinking skills necessary to provide nursing care to individuals and families experiencing acute and chronic mental illness and/or mental health problems. Pre-Requisites: NURS 3512, NURS 3510 and NURS 3540. May not be held with NURS 4260. Registration is normally restricted to students in Year 3 of the program.

NURS 3520 Professional Foundations 2: Health Education Cr. Hrs. 2

This course provides students with the knowledge and skills necessary to provide health information to clients across the lifespan in a variety of settings in both planned

and spontaneous situations. Emphasis will be placed on client assessment and the appropriate use of existing health information resources.

Prerequisites: NURS 2542. Registration is normally restricted to students in Year 3 of the program.

NURS 3530 Nursing Skills 3 Cr. Hrs. 1

This course introduces students to the basic health assessment and psychomotor skills necessary to provide intermediate-level nursing care in the practice setting. May not be held with NURS 3280. Prerequisites: NURS 2542. Registration is normally restricted to students in Year 3 of the program. This course is graded on a Pass/Fail Basis.

NURS 3532 Nursing Skills 4 Cr. Hrs. 1

This course will provide students with opportunities to respond to complex and emotionally charged clinical situations in a safe environment and to critically assess their responses to these situations. Pre-requisite: NURS 3540. Pre-or Co-requisite: NURS 3514. Registration is normally restricted to students in Year 3 of the program.

NURS 3540 Nursing Practice 3, Cr. Hrs. 4

This course enables students to demonstrate clinical competence by applying the theoretical knowledge, psychomotor skills and health assessment skills covered in Year 3 Term 1 courses in the practice setting. May not be held with NURS 3300, NURS 3310, and NURS 4270. Pre-or Co-Requisites: NURS 3512, NURS 3510, NURS 3520, and NURS 3530. Registration is normally restricted to students in Year 3 of the program. This course is graded on a pass/fail basis.

NURS 3542 Nursing Practice 4, Cr. Hrs. 4

This course enables students to demonstrate clinical competence by applying the theoretical knowledge and simulation skills covered in Year 3 Term 2 courses in the practice setting. May not be held with NURS 3300, NURS 3310, and NURS 4270. Pre-or Co-Requisites: NURS 3514, NURS 3550, NURS 3560 and NURS 3532. Registration is normally restricted to students in Year 3 of the program. This course is graded on a pass/fail basis.

NURS 3550 Professional Foundations 3: Evidence Informed Practice in the Health Sciences Cr. Hrs. 4

This course provides students with the knowledge and skills to locate and critically appraise nursing and health care literature, and to make decisions about how research knowledge can be transferred into nursing and health care

practice. May not be held with NURS 3210. Pre-Requisites: NURS 2542. Registration is normally restricted to students in Year 3 of the program.

NURS 3560 Professional Foundations 4: Law and Ethics in Nursing Practice Cr. Hrs. 3
This course provides the student with knowledge regarding

the legal and ethical foundations that guide nursing practice. May not be held with NURS 3450. Prerequisite: NURS 2542. Registration is normally restricted to students in Year 3 of the program.

Faculty of Science

Biological Sciences

Deletions:

| BIOL 2540 Developmental Biology Cr.Hrs. 3 | -3.0 |
|--|------|
| BIOL 3540 Advanced Developmental and Cellular Biology Cr. Hrs. 3 | -3.0 |

Introductions:

BIOL 3542 Developmental Biology Cr.Hrs. 3

+3.0

Principles and concepts of developmental biology will be presented including early embryo development, tissue patterning, morphogenesis, germ cell formation, stem cell biology, organ and nervous system development, growth and regeneration. Fundamental developmental concepts as well as the cellular, genetic and molecular mechanisms behind development will be covered utilizing invertebrate, vertebrate and plant examples. Not to be held with the former BIOL 2540. Prerequisites: BIOL 2500 or 2501 (C+) and BIOL 2520 or 2521 (C+); or consent of the department.

BIOL 4544 Advanced Developmental and Cellular Biology Cr.Hrs. 3 +3.0 Lab Required. The course focuses on contemporary concepts and approaches in developmental biology, including theoretical and practical aspects. The emphasis is on the laboratory component. May not be held with the former ZOOL 3070, 022.307, BIOL 3540. Prerequisites: BIOL 2520 or 2521 and BIOL 3542 formerly BIOL 2540; or consent of department.

Modifications:

BIOL 1410 Anatomy of the Human Body Cr.Hrs. 3

0.0

(Lab Required) (Formerly ZOOL 1320, 022.132) Microanatomy and gross anatomy discussed including changes occurring from conception to old age. Although this course may be used as an elective in an Arts or Science program, it may not be used to meet a program requirement of an Honours or Major program in the Biological Sciences. May not be held with BIOL 1411. No prerequisite. High school Biology strongly recommended.

BIOL 1412 Physiology of the Human Body Cr.Hrs. 3

0.0

(Lab Required) (Formerly ZOOL 1300, 022.133) Function of all systems discussed with homeostatic regulatory mechanisms as foundation themes. Although this course may be used as an elective in an Arts or Science program, it may not be used to meet a program requirement of an Honours or Major program in the Biological Sciences. Not available to students who have previously obtained credit in, or are currently registered in both of BIOL 2410 (ZOOL 2530, BIOL 2411, ZOOL 2531, 022.253) and BIOL 2420 (ZOOL 2540, BIOL 2421, ZOOL 2541, 022.254) or BIOL 1413. Prerequisite: BIOL 1410 or BIOL 1411 (ZOOL 1320, 022.132) (C); or one of BIOL1030, BIOL 1031, or the former 071.125 (C). This prerequisite is waived for students in the Baccalaureate Program for Registered Nurses.

BIOL 3340 Primitive Fungi and Allies Cr.Hrs. 3

0.0

Studies on the evolution of ancestral fungi, relevant Chromista and slime molds within the broader context of evolution of derived fungi and ancient groups basal to fungi and animals. The course also encompasses cogent life histories, development, structure, taxonomy, and

fundamental biochemistry. General methods for environmental collection, isolation and study of these organisms will be presented in lectures. Prerequisite: BIOL 1010 or BIOL 1011 (or 071.101 or 071.123) (B); or BIOL 1030 or BIOL 1031 (or 071.125) (C+); or consent of the department.

BIOL 3372 Wetland Ecology Cr.Hrs. 3

0.0

Lectures and field exercises examine the biotic (algae, macrophytes, invertebrates, and vertebrates) and abiotic (hydrology, nutrient cycling) properties of Manitoba's wetlands. Various wetland types, including prairie potholes, peatlands, and coastal marshes will be considered in lectures and field work. The course is offered in Summer Session. May not be held with the former BOTN 3580, 001.358, ZOOL 3580, or 022.358. Prerequisite: a C or better in one of BIOL 2300 (BOTN 2370, ZOOL 2370, 001.237, 022.237), BIOL 2301 (BOTN 2371, ZOOL 2371) or AGEC 2370 (065.237); or consent of department.

BIOL 4470 Sensory-Motor Physiology

(Formerly ZOOL 4160, 022.416) Information flow in the nervous system and the control of behaviour. The diverse roles that ion channels and synaptic circuitry play in sensory reception, neuronal integration and motor control are emphasized. Prerequisite: a "C" or better in BIOL 2410 and 2420 (the former ZOOL 2530 and 2540) or BIOL 2411 and BIOL 2421 or BIOL 3470 and BIOL 3472 (the former BIOL 3460 and BIOL 3462) or consent of department. This course is restricted to students in year 3 or 4 of a Major or Honours degree program in Biological Sciences or in Chemistry (Biopharmaceutical Focus Area), or in the B.Sc. in Biosystems Engineering.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications:

Modifications to the following are outlined on the next page:

- Bachelor of Science (Major) in Biological Sciences Evolution and Biodiversity Theme
- Bachelor of Science (Honours) Biological Sciences Evolution and Biodiversity Theme
- List A

BIOLOGICAL SCIENCES PROGRAM MODIFICATIONS EFFECTIVE 2015 FALL TERM

Proposed Changes to the B.Sc. Honours and Major Degree in Biological Sciences, Evolution and Biodiversity Theme:

Current Course List for Evolution and Biodiversity Theme:

Specific course required for the Evolution and Biodiversity Theme in addition to the core course requirements:

List A: One of the following: BIOL 3360, BIOL 4240, BIOL 4242, BIOL 4362

List B: One of the following: BIOL 3200, BIOL 3242, BIOL 3250, BIOL 3270, BIOL 4212, BIOL 4214, BIOL 4216, BIOL 4218.

Proposed Course List for Evolution and Biodiversity Theme:

Specific course required for the Evolution and Biodiversity Theme in addition to the core course requirements:

List A: One of the following: BIOL 3360, BIOL 4300, BIOL 4362

List B: One of the following: BIOL 3200, BIOL 3242, BIOL 3250, BIOL 3270, BIOL 4212, BIOL 4214, BIOL 4216, BIOL 4218.

Summary of Changes:

From the list List A options delete BIOL 4240 & 4242, and replace with BIOL 4300.

Rationale:

BIOL 4240 and BIOL 4242 were deleted from the books last year and BIOL 4300 is a suitable replacement for these options.

Program modifications:

Modifications to the following are outlined on the next page:

- Bachelor of Science (Major) in Biological Sciences Cell, Molecular and Developmental Theme
- Bachelor of Science (Honours) in Biological Sciences Cell, Molecular and Developmental Theme

BIOLOGICAL SCIENCES
PROGRAM MODIFICATIONS
EFFECTIVE 2015 FALL TERM

Proposed Changes to the B.Sc. Honours and Major Degree in Biological Sciences, Cell, Molecular and Developmental Theme:

Current Program Requirements:

Specific courses required for the Cell, Molecular, and Developmental Biology Theme in addition to the core course requirements: <u>BIOL 2540</u> (3); *Plus a minimum of 6 Credit hours of Biochemistry:* <u>CHEM 2770</u> (MBIO 2770) and <u>CHEM 2780</u> (MBIO 2780); or <u>CHEM 2210</u> and <u>CHEM 2360</u> (MBIO 2360) and <u>CHEM 2370</u> (MBIO 2370).

Proposed Program Requirements:

Specific courses required for the Cell, Molecular, and Developmental Biology Theme in addition to the core course requirements: BIOL 3542 (3); Plus a minimum of 6 Credit hours of Biochemistry: CHEM 2770 (MBIO 2770) and CHEM 2780 (MBIO 2780); or CHEM 2210 and CHEM 2360 (MBIO 2360) and CHEM 2370 (MBIO 2370).

Explanation:

Delete BIOL 2540 as a requirement in the Cell, Molecular, and Developmental Biology Theme. Replace it with BIOL 3542.

Rationale:

BIOL 2540 is being deleted as a course, and is being replaced with BIOL 3542.

Chemistry

Deletion:

CHEM 4600 Advanced Chemical Techniques Cr.Hrs. 3

-3.0

Introductions:

CHEM 4610 Advanced Chemical Techniques Cr.Hrs. 6

+6.0

(Lab required) A workshop course consisting of lectures, problem solving, and advanced instrumental techniques. The course is designed to train potential research students in techniques like NMR, mass spectroscopy, and chromatography. This course is required of all final year Honours students in Chemistry. May not hold with the former CHEM 4600 (002.460). Prerequisite: one of CHEM 3360 (002.336) (C), CHEM 3400 (C), CHEM 3380 (002.338) (C), CHEM 3390 (002.339) (C), or CHEM 3580 (002.358) (C).

CHEM 4100 Materials Chemistry Cr.Hrs. 3

+3.0

This course emphasizes the synthesis, structure, properties and applications of a wide variety of materials, providing insight into the chemistry behind many common and high-tech materials and devices. Specific examples include solar cells, fibre optics, batteries, polymer composites, magnetic and multiferroic materials. May not be held with CHEM 4570 when titled "Materials Chemistry." Prerequisite: CHEM 3400 (C).

Modification:

CHEM 2360 Biochemistry 1: Biomolecules and an Introduction to Metabolic Energy Cr.Hrs. 3

0.0

(Lab Required) (Formerly 002.236) An introductory course dealing with kinds of molecules encountered in biochemistry, and the concept of metabolic energy as a product of catabolism and a requirement for biosynthesis. This course is also given in Microbiology as MBIO 2360. Not to be held with CHEM 2361, CHEM 2770 (002.277), MBIO 2360, MBIO 2361 (060.236), or MBIO 2770 (060.277). Prerequisites: CHEM 1310 or CHEM 1311 (002.131) (C+); and one of BIOL 1030, BIOL 1031, or the former 071.125 (C). NOTE: Students may hold this course for credit in the B.Sc. General Degree program, but may not use it to fulfill the minimum requirement of 12 credit hours in 2000 level Chemistry (pre-September 2008 regulations). Those students following the new General Degree regulations (effective 2008-09) are able to use this course as part of the 18 credit hours of advanced level Chemistry or Microbiology.

NET CHANGE IN CREDIT HOURS: +6.0

Program modifications:

Modifications to the following programs are outlined on the next pages:

Bachelor of Science (Honours) in Chemistry

CHEMISTRY PROGRAM MODIFICATIONS EFFECTIVE 2015 FALL TERM

Proposed Changes to the B.Sc. Honours in Chemistry

Current Program Chart:

| erative Option if selected)12 CHEM 2210, CHEM 2220, CHEM 2280, CHEM 2290, | 20 CREDIT HOURS CHEM 3400, CHEM 3590 | CHEM 4600, CHEM 4710 (6) |
|---|---|--|
| CHEM 2280, CHEM 2290, | CHEM 3400, CHEM 3590 | CHEM 4600, CHEM 4710 (6) |
| CHEM 2400, CHEM 2470, CHEM 2860 (CHEM 2360) | | |
| | | |
| iculty of Arts, which should | level Chemistry4 courses no | from the 2000, 3000 and 4000 t yet taken to total a minimum o lit hours may make up part of a |
| | designated focus area4. If r | istry courses which are part of a no Focus Area is selected, dit hours of Chemistry courses. |
| ed electives in years one and | 18 credit hours of approved four ⁵ | electives in years three and |
| | Work Terms (if Co-op selected): | Work Terms (if Co-op selected): |
| | CHEM 3980, CHEM 3990 | CHEM 4980 and/or CHEM 4990 |
| 30 Hours | 30 Hours | 30 Hours |
| | illowing must be completed: inculty of Arts, which should course imatics, Statistics or 3 ad electives in years one and | level Chemistry ⁴ courses not 60 credit hours. These cred focus area. 9 credit hours of non-Chemidesignated focus area ⁴ . If r students must choose 9 credit hours of approved four ⁵ Work Terms (if Co-op selected): CHEM 3980, CHEM 3990 |

Proposed B.Sc. Honours in Chemistry Program Chart:

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|--|--|--|
| HONOURS4 (incl. Co-ope | rative Option if selected)12 | 0 CREDIT HOURS | |
| CHEM 1300, CHEM 1310 (B) PHYS 1050 (or PHYS 1020) and PHYS 1070 | CHEM 2210, CHEM 2220, CHEM 2280, CHEM 2290, CHEM 2400, CHEM 2470, CHEM 2860 (CHEM 2360) | CHEM 3400, CHEM 3590 | CHEM 4610 (6) , CHEM 4710 (6) |
| MATH 1500 ¹ , MATH 1700 ¹ | | | |
| In Year 1 or Year 2 the following from the Facinclude the required "W" co | culty of Arts, which should | level Chemistry ⁴ courses no 63 credit hours of Chemis | from the 2000, 3000 and 4000 by yet taken to total a minimum of try courses at the 1000-4000 may make up part of a focus |
| 3 credit hours from Mather Computer Science courses | , | designated focus area4. If | nistry courses which are part of a no Focus Area is selected, adit hours of Chemistry courses. |
| 12 credit hours of approved | d electives in years one and | 15 credit hours of approved four ⁵ | d electives in years three and |
| | | Work Terms (if Co-op selected): | Work Terms (if Co-op selected): |
| | | CHEM 3980, CHEM 3990 | CHEM 4980 and/or CHEM 4990 |
| 30 Hours | 30 Hours | 30 Hours | 30 Hours |
| | | | |

Program modifications:

Modifications to the following programs are outlined on the next pages:

• Bachelor of Science (Major) in Chemistry

CHEMISTRY PROGRAM MODIFICATIONS EFFECTIVE 2015 FALL TERM

Proposed Changes to the B.Sc. Major in Chemistry

Current Program Chart:

| 4-YEAR MAJOR ^{4,5} (incl below, and electives) | . Co-operative Option if sele | ected) 120 CREDIT HOURS (co | mprising courses listed in chart |
|---|--|---------------------------------|---|
| CHEM 1300, CHEM 1310 (C+) PHYS 1050 (or PHYS 1020 (C+)) and PHYS 1070 MATH 1500 ¹ , MATH 1700 ¹ | CHEM 2210, CHEM 2220, CHEM 2280, CHEM 2290, CHEM 2400, CHEM 2470, CHEM 2860 (CHEM 2360) | CHEM 3400, CHEM 3590 | CHEM 4600 |
| | ollowing must be completed: Faculty of Arts, which should course. | level Chemistry4 courses no | from the 2000, 3000 and 4000 t yet taken to total a minimum o it hours may make up part of a |
| 3 credit hours from Math Computer Science course | | designated focus area4. (No | stry courses which are part of a te: If no Focus Area is selected, dit hours of Chemistry courses.) |
| | | Work Terms (if Co-op selected): | Work Terms (if Co-op selected): |
| | | CHEM 3980, CHEM 3990 | CHEM 4980 and/or CHEM 4990 |
| | The same of the sa | 30 Hours | 30 Hours |

Proposed B.Sc. Major in Chemistry Program Chart:

| CHEM 1300, CHEM | CHEM 2210, CHEM 2220, | CHEM 3400, CHEM 3590 | CHEM 4610 (6) |
|--|--|---|--|
| 1310 (C+) | CHEM 2280, CHEM 2290, CHEM 2400, CHEM 2470, | | |
| PHYS 1050 (or PHYS 1020 (C+)) and PHYS 1070 | CHEM 2860 (CHEM 2360) | | |
| MATH 1500 ¹ , MATH 1700 ¹ | | | |
| In Year 1 or Year 2 the | following must be completed: | | from the 2000, 3000 and 4000 ot yet taken to total a minimum of |
| | | | |
| | Faculty of Arts, which should " course. | | stry courses at the 1000-4000 may make up part of a focus area |
| include the required "W" 3 credit hours from Mati | " course. hematics, Statistics or | Level. These credit hours 9 credit hours of non-Chen designated focus area ⁴ . (N | stry courses at the 1000-4000 may make up part of a focus area nistry courses which are part of a ote: If no Focus Area is selected, edit hours of Chemistry courses.) |
| 6 credit hours from the include the required "W' 3 credit hours from Mati Computer Science cours | " course. hematics, Statistics or | Level. These credit hours 9 credit hours of non-Chen designated focus area ⁴ . (N | may make up part of a focus area nistry courses which are part of a ote: If no Focus Area is selected, |
| include the required "W" 3 credit hours from Mati | " course. hematics, Statistics or | 9 credit hours of non-Chen designated focus area ⁴ . (N students must choose 9 cm | may make up part of a focus area nistry courses which are part of a ote: If no Focus Area is selected, edit hours of Chemistry courses.) Work Terms (if Co-op |

Summary of Changes:

- 1. The CHEM 4600 is deleted from the table and is replaced with CHEM 4610 including the information that this is a 6 credit hour course is added to the program table.
- 2. The number of required Chemistry credit hours has been modified.
- 3. The number of electives in the Honours program decreased from 18 credit hours to 15 credit hours.

Rationale:

With the proposed change of the Advanced Chemical Techniques becoming a 6 credit hour course, CHEM 4600 is deleted and CHEM 4610 is added to the program table. This change results in the number of required hours of Chemistry courses in each of the Honours and Major degree programs to increase by 3. In the Honours program table this requires a decrease in the number of electives indicated. An additional comment was added to each of the tables for some clarity.

Program proposal

A new concentration or **Chemistry Focus Area in Inorganic Chemistry**, is outlined on the next pages.



Office of the Vice-President (Academic) & Provost

PROPOSAL FOR NEW ACADEMIC MINOR OR CONCENTRATION

Date: 23 September 2014
Faculty: Science

Department: Science Chemistry

Contact Details: Michele Piercey-Normore, Associate Dean, Faculty of Science

Section 1: Program Overview:

1. Program type: Minor: ☐ Concentration: ⊠

2. Proposed program name: Inorganic Chemistry

3. Length of program:

Indicate the required number of credit hours including any associated pre-requisite requirements.

Similar to other focus areas, 27 credit hours are required to satisfy the Inorganic Chemistry Focus Area. A student would satisfy this requirement by taking specific courses throughout their 4-year Honours or Major degree in Chemistry.

4. Proposed start of program: 1 September 2015

Section 2: Program Details

5. Description of program:

Provide a brief outline of the program, its objectives and how it will benefit student.

In the B.Sc. Honours and Major programs in Chemistry, students have the option of selecting courses in a way that allows them to satisfy a focus area. The proposal to add a focus area in "Inorganic Chemistry" would provide students with another option for a focus area. Students in the Inorganic Chemistry Focus Area will be exposed to the science on which much of the materials industry is based.

6. Course Requirements:

Provide a list of courses (include course codes) and breakdown of course requirements by level (e.g. 6 hours at the 1000 level, 3 hours at the 2000 level, etc.). Indicate whether proposed coursework is currently offered or new. Note any pre-requisite details where applicable.

To satisfy the Inorganic Chemistry Focus Area option students will need to choose 18 credit hours from

1

the following list of courses, all of these courses are current courses:

CHEM 3390 (prerequisite is CHEM 2220, which is a required course in the degree)

CHEM 4680 (prerequisite is CHEM 3400, or CHEM 3380, or CHEM 3390, CHEM 3400 is a required course in the degree)

CHEM 4570 (Topics in Inorganic Chemistry: Catalysis and Small Molecule Activation)

CHEM 4570 (Topics in Inorganic Chemistry: Bioinorganic Chemistry)

CHEM 4570 (Topics in Inorganic: Inorganic Materials)

CHEM 4802 (Topics in Analytical Chemistry: Materials Characterization, registration is by Department permission)

CHEM 3360 (prerequisite CHEM 2280, which is a required course in the degree);

plus 9 credit hours from:

CHEM 3580 (prerequisite CHEM 2220, and prerequisite or concurrent registration in CHEM 2290, both of which are required courses in the degree)

CHEM 4660 (prerequisite CHEM 3360)

CHEM 4690 (prerequisite CHEM 3390)

CHEM 3370 (prerequisite CHEM 2280, which is a required course in the degree)

CHEM 3490 (prerequisites CHEM 2220 and CHEM 2290, both of which are required courses in the degree)

BIOE 3320 (prerequisites MATH 2130, CIVL 2800 or MECH 2222, BIOE 2580)

PHYS 2210 (PHYS 1070 and MATH 1500, both are required courses in the degree. Prerequisite or concurrent registration in MATH 1200 and MATH 1700 (MATH 1700 is a required course in the degree))

7. Program availability:

Will this program be offered to all students eligible to declare a minor/concentration or will it be restricted to a subset of students. If the latter, provide a brief explanation as to why the program will be restricted.

This program will be available to all students eligible to declare a focus area which would be all students in the B.Sc. Honours or Major in Chemistry.

8. Admission requirements:

If applicable, outline any admission requirements to the program.

Any student who has satisfied the admission requirements for the B.Sc. Honours or Major in Chemistry could choose to complete this focus area. To enter the B.Sc. Honours in Chemistry students must have completed a minimum of 24 credit hours with a GPA of 3.0 and they must have completed CHEM 1310 with a minimum grade of B. To enter the B.Sc. Major in Chemistry students must have completed a minimum of 24 credit hours with a GPA of 2.0 and they must have completed CHEM 1310 with a grade of C+ or higher.

Section 3: Program Demand

9. Strategic priorities:

Comment on how the program fits within the university's strategic priorities.

A focus area in inorganic chemistry fits within the new materials and technologies of the Academic Enhancements by providing students with an introduction to chemistry relevant to our world today. It also provides an opportunity for undergraduate students to undertake meaningful research experiences in line with the Exceptional Student Experience of the Strategic Planning Framework

2

(http://umanitoba.ca/admin/president/strategic_plan/2293.html). Inorganic chemistry plays a role in every aspect of chemical industry including materials science (e.g. surfactants, pigments), medicine (pharmaceuticals), and agricultural biotechnology. Students in the inorganic chemistry focus area will be exposed to the science on which much of the materials industry is based.

10. Student demand:

Provide evidence of student demand and interest in the program.

Inorganic Chemistry is one of the traditional pillars of the chemical sciences. Interest in this exciting area has increased recently, as more and more applications that make use of the fascinating properties and reactivity of both molecules and materials containing inorganic elements are discovered.

11. Projected enrolment:

Based on the evidence of demand, provide projected enrolment numbers in the program.

3-5 graduating students per year

12. Effects on other programs:

Comment on the potential effect of the program on other existing programs.

None

13. Similar programs:

If known, describe similar programs within Manitoba, outlining any similarities or differences with the proposed program.

Click here to enter text.

14. External consultation:

Where appropriate, outline any consultations with industry, business, and/or any third-party groups in development of the proposed program.

Click here to enter text.

Section 4: Resource Requirements

15. Projected Costs & Revenues:

Provide a general overview of the projected costs and revenues of the program. Where applicable, comment in detail on the

There are no projected costs or revenues. The courses that make up the focus area are courses that are already in existence.

16. Coursework

Comment on whether the proposed program will require the offering of additional courses.

The proposed program will not require the offering of additional courses.

17. Staffing:

3

Comment on whether the proposed program will require additional academic or administrative staff.

The proposed program will not require additional academic or administrative staff.

18. Infrastructure / Equipment:

Comment on how the proposed program will impact the use of current infrastructure and equipment.

There will be no impact as the courses that make up the focus area are already courses that exist.

19. Library Resources:

If the program involves new courses, or coursework that has not been offered on a regular basis in recent years, comment on the adequacy of existing library resources.

The proposed focus area will not require the addition of new courses; therefore, the library resources that exist for current courses will be sufficient.

20. Additional Funds:

Provide information on whether new funds are required for this program. If so, provide details.

No additional funds required.

Section 5: Approvals

Faculty Approvals

Department / Program Head:

Dean / Director:

Faculty / School Council:

Click here to enter a date.

Click here to enter a date.

Institutional Approvals

Senate Committee on Curriculum & Course Changes:

Senate Planning & Priorities Committee (if required):

Senate Approval:

Provost Approval:

Click here to enter a date.

CHEMISTRY
PROGRAM MODIFICATION
FOCUS AREA INTRODUCTION
EFFECTIVE 2015 FALL TERM

Current Calendar Entry:

Students may elect to take courses that, in combination, make up a Chemistry focus area. Currently, there are eight Chemistry focus areas. They are: Bioanalytical, Biopharmaceutical, Biophysical, Environmental, Materials Science, Organic, Physical, and Quantum / Computational. Each focus area has specific course requirements that students will satisfy in order to graduate and receive the focus area notation on their transcripts. Other focus areas may be selected with approval from the Department Head.

Required Courses for each Chemistry Focus Area (Note: Students are responsible for completing all prerequisite courses required for the completion of a specific Focus Area). The below course listings are not meant to be limiting. Plausible substitutions will be reviewed and approved by the Department of Chemistry on an individual basis.

Proposed Calendar Entry:

Students may elect to take courses that, in combination, make up a Chemistry focus area. Currently, there are **nine** Chemistry focus areas. They are: Bioanalytical, Biopharmaceutical, Biophysical, Environmental, **Inorganic, Materials** Science, Organic, Physical, and Quantum / Computational. Each focus area has specific course requirements that students will satisfy in order to graduate and receive the focus area notation on their transcripts. Other focus areas may be selected with approval from the Department Head.

Required Courses for each Chemistry Focus Area (Note: Students are responsible for completing all prerequisite courses required for the completion of a specific Focus Area). The below course listings are not meant to be limiting. Plausible substitutions will be reviewed and approved by the Department of Chemistry on an individual basis.

Inorganic: 18 credit hours chosen from: CHEM 3390, CHEM 4680, CHEM 4570 (Topics in Inorganic Chemistry: Catalysis and Small Molecule Activation), CHEM 4570 (Topics in Inorganic Chemistry: Bioinorganic Chemistry), CHEM 4570 (Topics in Inorganic Chemistry: Inorganic Materials), CHEM 4802 (Topics in Analytical Chemistry: Materials Characterization), CHEM 3360; plus 9 credit hours from: CHEM 3580, CHEM 4660, CHEM 4690, CHEM 3370, CHEM 3490, PHYS 2210 or PHYS 2600. (Note: The Inorganic Chemistry Focus Area does not include 9 credit hours of non-Chemistry courses.)

Rationale:

Inorganic Chemistry is one of the traditional pillars of the chemical sciences. Interest in this exciting area has exploded recently, as more and more applications that make use of the fascinating properties and reactivity of both molecules and materials containing inorganic elements are discovered.

Computer Science

Deletions:

| COMP 3620 Professional Practice in Computer Science Cr.Hrs. 3 | -3.0 |
|---|------|
| COMP 3720 Computer Networks 1 Cr.Hrs. 3 | -3.0 |
| COMP 4720 Computer Networks 2 Cr.Hrs. 3 | -3.0 |

Introductions:

COMP4300 Computer Networks Cr.Hrs. 3

+3.0

(Lab required) This course examines the principles of computer networks, including network architectures, algorithms, protocols, and performance. May not be held with the former COMP 3720 or the former COMP 4720 or ECE 3700. Prerequisite: COMP 2280 (C).

COMP 4620 Professional Practice in Computer Science Cr.Hrs. 3 +3.0 Background and rationale required to view Computer Science in a professional context. Examination of professional ethics, intellectual property, and privacy considerations important to Computer Scientists. May not be held with the former COMP 3620. Prerequisite: COMP 3350 (C).

Modifications:

COMP 2130 Discrete Mathematics for Computer Science Cr.Hrs. 3 0.0 (Formerly 074.213) An introduction to the set theory, logic, integers, combinatorics and functions for today's computer scientists. Prerequisites: COMP 1020 or COMP 1021 (C), and a "C" in one of: MATH 1210, MATH 1211, MATH 1300 (136.130), MATH 1301, MATH 1310 (136.131); and one of: MATH 1500 (136.150), MATH 1501, MATH 1510 (136.151), MATH 1520 (136.152), the former 136.153, or MATH 1690.

COMP 3820 Introduction to Bioinformatics Algorithms Cr.Hrs. 3 0.0 An introduction to problems in molecular biology and computational solutions. Focus on design and analysis of efficient algorithms. Prerequisite: COMP 2080 (74.208). Suggested prerequisite: MBIO 1410. Suggested concurrent requirement: COMP 3170.

NET CHANGE IN CREDIT HOURS: -3.0

Program modifications:

Modifications to the **Bachelor of Computer Science (Honours)** are set out on the next pages.

COMPUTER SCIENCE
PROGRAM MODIFICATIONS
EFFECTIVE 2015 FALL TERM

Proposed Changes to the B.C.Sc. Honours Degree in Computer Science

Current Computer Science Honours Entrance Requirements:

To enter the Honours program in Computer Science, a student must have completed at least 24 credit hours with a minimum GPA of 3.00, and also obtained a minimum grade of "B" in COMP 1020. Students are strongly encouraged to complete MATH 1300 and MATH 1500 (or equivalents) with at least a "C" average prior to entering the Computer Science Honours program. Failure to complete these first year Mathematics requirements will result in the inability to register for certain 2000 level required courses.

Proposed Computer Science Honours Entrance Requirements

To enter the Honours program in Computer Science, a student must have completed at least 24 credit hours with a minimum GPA of 3.00, and also obtained a minimum grade of "B" in <u>COMP</u> 1020. Students are strongly encouraged to complete <u>MATH 1300</u> and <u>MATH 1500</u> (or equivalents) with at least a "C" prior to entering the Computer Science Honours program. Failure to complete these first year Mathematics requirements will result in the inability to register for certain 2000 level required courses.

Current Computer Science Honours Program Chart:

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | | |
|--|--------------------------|--|---------------------|--|--|
| HONOURS 3,4,6 (Inc | cluding Cooperative | Option if selected) ³ 12 | 0 CREDIT HOURS | | |
| COMP 1010, COMP | COMP 2080, | COMP 3030, COMP | 21 credit hours of | | |
| <u>1020</u> (B) | COMP 2130 ¹ , | 3170, COMP 3350, | 4000 level Computer | | |
| | COMP 2140, | <u>COMP 3370, COMP</u> | Science courses | | |
| MATH 1300 and | COMP 2150, | 3430 | | | |
| MATH 1500 ¹ | COMP 2160, | | | | |
| | COMP 2280 | 3 credit hours of 3000 | | | |
| | | level Computer | | | |
| | | Science courses | 246 | | |
| In Year 1 and / or Ye | ar 2 the following | 21 credit hours of approved electives ^{2,4,6} | | | |
| must be completed: | | Work Terms (if Co-op Selected): | | | |
| | | | | | |
| STAT 1000 (C) | | <u>COMP 2980, COMP 3</u> | | | |
| | D 1: C1: | must be completed pri | or to the last | | |
| 6 credit hours from the | | academic term | | | |
| which should include | the required 3 credit | | | | |
| hour "W" course. | | | | | |
| 21 aradit haurs of an | around alantina | | | | |
| 21 credit hours of appropriate courses-2,4,6 | broved elective | | | | |
| 30 Hours | 30 Hours | 30 Hours | 30 Hours | | |

NOTES:

- 1 MATH 1210 or MATH 1310 may be taken in place of MATH 1300; MATH 1510, MATH 1520, or MATH 1690 (6) may be taken in place of MATH 1500. A "C" average is required in the 6 credit hours of Mathematics used as prerequisite to COMP 2130.
- 2 It is recommended that STAT 2000 be taken as an elective.
- 3 Entry to the Honours Cooperative Option and four year Major Cooperative Option is at the end of second year. Employment terms follow 3A (September-December), 3B (May-August) and 4A (January-April). Students in the Cooperative Option must complete three employment terms and receive a passing grade in COMP 2980, COMP 3980 and COMP 4980 prior to the last academic term.
- 4 Additional information on how students may select their courses can be found at the beginning of this section.
- 5 IMPORTANT: The four year-Major 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. Students in the Cooperative Option should be aware that while other arrangements are possible, they may jeopardize their chances of obtaining employment by selecting such arrangements. Students should discuss their planned sequence of courses with the department prior to making adjustments to the sequence above.

6 IMPORTANT: a maximum of 90 credit hours of computer science, statistics and mathematics courses can be included in a Major or Honours program.

Proposed Computer Science Honours Program Chart:

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | | |
|---------------------------------------|--------------------------------|--|--|--|--|
| HONOURS 2,3,4,5 (In | cluding Cooperative | Option if selected) ² | 20 CREDIT HOURS | | |
| | | COMP 3030, COMP | | | |
| <u>1020</u> (B) | 2130 ¹ , COMP 2140, | | credit hours of 4000 level Computer | | |
| MATH 1300(C) ¹ and | | 3430 | Science courses | | |
| MATH $1500(C)^{1}$ | | | | | |
| | | | | | |
| | | | | | |
| In Year 1 and / or Ye | ar 2 the following | 21 credit hours of approved electives ^{3,4} | | | |
| must be completed: | | Work Terms (if Co-op Selected): | | | |
| STAT 1000 (C) | | COMP 2980, COMP | 3080 COMP 4080 | | |
| <u>51A1 1000</u> (C) | | must be completed pr | | | |
| 6 credit hours from th | | academic term | | | |
| which should include hour "W" course. | the required 3 credit | | | | |
| nour w course. | | | | | |
| 21 credit hours of app | proved elective | | | | |
| courses 3,4 | | | | | |

NOTES:

- 1 MATH 1210 or MATH 1211 or MATH 1310 may be taken in place of MATH 1300; MATH 1510, MATH 1520, or MATH 1690 (6) may be taken in place of MATH 1500. A grade of "C" is required in each of the two 3-credit hour courses of Mathematics used as prerequisite to COMP 2130.
- 2 Entry to the Honours Cooperative Option and four year Major Cooperative Option is at the end of second year. Employment terms follow 3A (September-December), 3B (May-August) and 4A (January-April). Students in the Cooperative Option must complete three employment terms and receive a passing grade in COMP 2980, COMP 3980 and COMP 4980 prior to the last academic term.
- 3 Additional information on how students may select their courses can be found at the beginning of this section.
- 4 IMPORTANT: a maximum of 90 credit hours of computer science, statistics and mathematics courses can be included in a Major or Honours program.
- 5 IMPORTANT: The **Honours** degree 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. Students in the Cooperative Option should be aware that while other arrangements are possible, they may jeopardize their chances of obtaining employment by selecting such arrangements. Students should discuss their planned sequence of courses with the department prior to making adjustments to the sequence above.

Summary:

| _ | | e |
|----------|-----------|-----------|
| Program | m madi | fication: |
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Modifications to the **Bachelor of Computer Science (Major)** are set out on the next pages

COMPUTER SCIENCE
PROGRAM MODIFICATIONS
EFFECTIVE 2015 FALL TERM

Proposed Changes to the B.Sc. Major Degree in Computer Science

Current Computer Science Major Entrance Requirements and Graduation Requirements:

To enter the Major Degree program in Computer Science, a student must have completed at least 24 credit hours with a minimum GPA of 2.00, and also obtained a minimum grade of "C+" in COMP 1020. Students are strongly encouraged to complete MATH 1300 and MATH 1500 (or equivalents) with at least a "C" average prior to entering the Computer Science Honours program. Failure to complete these first year Mathematics requirements will result in the inability to register for certain 2000 level required courses.

To graduate with the Computer Science Major degree, a student must present a minimum grade of "C" in: STAT 1000, COMP 2080, COMP 2130, COMP 2140, COMP 2150, COMP 2160, COMP 2280, COMP 3350, COMP 3370, COMP 3430 and in each of the 24 credit hours of 3000 and 4000 level Computer Science courses that apply to the Computer Science component of their degree program. Additionally, students must achieve a minimum GPA of 2.00 on the courses that contribute to the 120 credit hours of the degree.

Current Computer Science Major Co-operative Graduation Requirements:

To graduate with the Major degree, a student must present a minimum grade of "C" in: <u>STAT 1000</u>, <u>COMP 2080</u>, <u>COMP 2130</u>, <u>COMP 2140</u>, <u>COMP 2150</u>, <u>COMP 2160</u>, <u>COMP 2280</u>, <u>COMP 3350</u>, <u>COMP 3370</u>, <u>COMP 3430</u> and in each of the 21 credit hours of 3000 and 4000 level Computer Science courses that apply to the Computer Science component of their degree program. Students must also obtain a minimum GPA of 2.00 on the 120 credit hours that contribute to the degree.

Proposed Computer Science Major Entrance Requirements and Graduation Requirements:

To enter the Major Degree program in Computer Science, a student must have completed at least 24 credit hours with a minimum GPA of 2.00, and also obtained a minimum grade of "C+" in COMP 1020. Students are strongly encouraged to complete MATH 1300 and MATH 1500 (or equivalents) with at least a "C" prior to entering the Computer Science **Major** program. Failure to complete these first year Mathematics requirements will result in the inability to register for certain 2000 level required courses.

To graduate with the Computer Science Major degree, a student must present a minimum grade of "C" in: **MATH 1300, MATH 1500,** STAT 1000, COMP 2080, COMP 2130, COMP 2140, COMP 2150, COMP 2160, COMP 2280, COMP 3350, COMP 3370, COMP 3430, **COMP 4620** and in each of the **18** credit hours of 3000 and 4000 level Computer Science courses that apply to the Computer Science component of their degree program. Additionally, students must achieve a minimum GPA of 2.00 on the courses that contribute to the 120 credit hours of the degree.

Proposed Computer Science Major Co-operative Graduation Requirements:

To graduate with the Major degree, a student must present a minimum grade of "C" in: MATH 1300, MATH 1500, STAT 1000, COMP 2080, COMP 2130, COMP 2140, COMP 2150, COMP 2160, COMP 2280, COMP 3350, COMP 3370, COMP 3430, COMP 4620 and in each of the 18 credit hours of 3000 and 4000 level Computer Science courses that apply to the Computer Science component of their degree program. Students must also obtain a minimum GPA of 2.00 on the 120 credit hours that contribute to the degree.

Current Computer Science Major Program Chart:

| FOUR YEAR MAJOREDIT HOURS | OR ^{3,4,5,6} (Including C | Cooperative Option if Selected) ³ 120 |
|---|------------------------------------|---|
| COMP 1010, COMP 1020 (C+) | 2130 ¹ , COMP 2140, | COMP 3350, COMP 3370, COMP 3430 21 credit hours of 3000 or 4000 level |
| $\frac{\text{MATH } 1300}{\text{MATH } 1500}$ and | 2160, COMP 2280 | Computer Science courses of which 6 credit hours must be at the 4000 level |
| In Year 1 or Year 2 th completed: | ne following must be | 30 credit hours of approved electives ^{4,6} |
| STAT 1000 (C) | | Work Terms (if Co-op Selected): |
| 6 credit hours from the which should include hour "W" course. | , | COMP 2980, COMP 3980, COMP 4980 must be completed prior to the last academic term |
| 21 credit hours of app | proved electives ^{4,6} | |

NOTES:

- 1 MATH 1210 or MATH 1310 may be taken in place of MATH 1300; MATH 1510, MATH 1520, or MATH 1690 (6) may be taken in place of MATH 1500. A "C" average is required in the 6-credit hours of Mathematics used as prerequisite to COMP 2130.
- 2 It is recommended that STAT 2000 be taken as an elective.
- 3 Entry to the Honours Cooperative Option and four year Major Cooperative Option is at the end of second year. Employment terms follow 3A (September-December), 3B (May-August) and 4A (January-April). Students in the Cooperative Option must complete three employment terms and receive a passing grade in COMP 2980, COMP 3980 and COMP 4980 prior to the last academic term.
- 4 Additional information on how students may select their courses can be found at the beginning of this section.
- 5 IMPORTANT: The four year Major 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. Students in the Cooperative Option should be aware that while other arrangements are possible, they may jeopardize their chances of obtaining employment by selecting such arrangements. Students should discuss their planned sequence of courses with the department prior to making adjustments to the sequence above.
- 6 IMPORTANT: a maximum of 90 credit hours of computer science, statistics and mathematics courses can be included in a Major or Honours program.

Proposed Computer Science Major Program Chart:

| FOUR YEAR MAJOR ^{2,3,4,5} (Including Cooperative Option if Selected) ² 120 CREDIT HOURS | | | | | | |
|---|---|--|--|--|--|--|
| COMP 2080, COMP 2130 ¹ , COMP 2140, COMP 2150, COMP 2160, COMP 2280 | COMP 3350, COMP 3370, COMP 3430, COMP 4620 18 credit hours of 3000 or 4000 level Computer Science courses of which 6 credit hours must be at the 4000 level | | | | | |
| e following must be | 30 credit hours of approved electives ^{3,5} | | | | | |
| | Work Terms (if Co-op Selected): | | | | | |
| ne Faculty of Arts, | COMP 2980, COMP 3980, COMP 4980 | | | | | |
| the required 3 credit | must be completed prior to the last | | | | | |
| | academic term | | | | | |
| proved electives ^{4,6} | | | | | | |
| | COMP 2080, COMP 2130 ¹ , COMP 2140, COMP 2150, COMP 2160, COMP 2280 e following must be | | | | | |

NOTES:

- 1 $\underline{\text{MATH } 1210}$ or **MATH 1211** or $\underline{\text{MATH } 1310}$ may be taken in place of $\underline{\text{MATH } 1300}$; $\underline{\text{MATH } 1510}$, $\underline{\text{MATH } 1520}$, or $\underline{\text{MATH } 1690}$ (6) may be taken in place of $\underline{\text{MATH } 1500}$. A grade of "C" is required in each of the two 3-credit hour courses of Mathematics used as prerequisite to $\underline{\text{COMP } 2130}$.
- 2 Entry to the Honours Cooperative Option and four year Major Cooperative Option is at the end of second year. Employment terms follow 3A (September-December), 3B (May-August) and 4A (January-April). Students in the Cooperative Option must complete three employment terms and receive a passing grade in COMP 2980, COMP 2980, COMP 4980 prior to the last academic term.
- 3 Additional information on how students may select their courses can be found at the beginning of this section.
- 4 IMPORTANT: The four year Major 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. Students in the Cooperative Option should be aware that while other arrangements are possible, they may jeopardize their chances of obtaining employment by selecting such arrangements. Students should discuss their planned sequence of courses with the department prior to making adjustments to the sequence above.
- 5 IMPORTANT: a maximum of 90 credit hours of computer science, statistics and mathematics courses can be included in a Major or Honours program.

C....

| | 1.6. | |
|-----------|------------|--------|
| Program | n modifica | atı∩n: |
| i iodiani | HILOUILIO | auvii. |

Modifications to the **Software Engineering Specialization** are set out on the next page.

COMPUTER SCIENCE PROGRAM MODIFICATIONS EFFECTIVE 2015 FALL TERM

Specializations:

Current Calendar Entry:

Software Engineering

Requires: COMP 3010, COMP 3020, COMP 3040, COMP 3380, COMP 3620, COMP 4050, and COMP 4350.

Proposed Calendar Entry:

Software Engineering

Requires: COMP 3010, COMP 3020, COMP 3040, COMP 3380, COMP 4050, COMP 4350 and COMP 4620.

Summary:

In the Software Engineering Specialization, replace COMP 3620 with the proposed COMP 4620.

Rationale:

COMP 3620 is being deleted from the calendar and is being replaced with COMP 4620.

| _ | | e |
|----------|-----------|-----------|
| Program | m madi | fication: |
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Modifications to the **Networks and Security Specialization** are set out on the next page.

COMPUTER SCIENCE PROGRAM MODIFICATIONS EFFECTIVE 2015 FALL TERM

Specializations:

Current Calendar Entry:

Networks and Security

Requires: COMP 3720, COMP 4140, COMP 4580, and COMP 4720.

Proposed Calendar Entry:

Networks and Security

Requires: COMP 4140, COMP 4580, and COMP 4300.

Summary:

In the Networks and Security Specialization, delete COMP 3720 & COMP 4720 and add the proposed COMP 4300.

Rationale:

Removing COMP 3720, COMP 4720 from calendar and replacing with COMP 4300 (Computer Networks).

Microbiology

Modifications

MBIO 1220 Essentials in Microbiology Cr.Hrs. 3

0.0

(Formerly 060.122) An introduction to the essential principles of microbiology including immunity, with emphasis on microbial disease. Not available to students who have previously obtained credit in or are currently enrolled in MBIO 1010 or MBIO 1011 (or the former MBIO 2100 or MBIO 2101). NOTE: MBIO 1220 is intended for students planning to enter the College of Nursing or other health care or related programs. Students that have completed MBIO 1010 but wish to take MBIO 1220 to satisfy Faculty of Nursing entrance requirements must obtain departmental permission prior to registering for MBIO 1220. MBIO 1220 cannot be used to satisfy the requirements of the Microbiology Honours or Major degree programs. MBIO 1220 can be used as an elective course in any Science program.

MBIO 2360 Biochemistry 1: Biomolecules and an Introduction to Metabolic Energy Cr.Hrs. 3 0.0 (Lab Required) (Formerly 060.236) An introductory course dealing with kinds of molecules encountered in biochemistry, and the concept of metabolic energy as a product of catabolism and a requirement for biosynthesis. This course is also given in Chemistry as CHEM 2360. Not to be held with MBIO 2361, MBIO 2770 (060.277), CHEM 2360, CHEM 2361 (002.236), CHEM 2770 (002.277) or CHEM 2860 (002.286). Prerequisites: CHEM 1310 or CHEM 1311 (002.131) (C+); and one of BIOL 1030, BIOL 1031, or the former 071.125 (C). NOTE: Students may hold this course for credit in the B.Sc. General Degree program, but may not use it to fulfill the minimum requirement of 12 credit hours in 2000 level Chemistry (pre-September 2008 regulations). Those students following the new B.Sc. General Degree regulations (effective 2008-09) are able to use this course as advanced level credit in both Microbiology and Chemistry.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications:

Modifications to the following programs, which involve modifications to the Option List for All Microbiology Programs, are outlined on the next pages:

- Bachelor of Science (Honours) in Microbiology
- Bachelor of Science (Honours) in Microbiology, Cooperative Option
- Bachelor of Science (Major) in Microbiology
- Bachelor of Science (Major) in Microbiology, Cooperative Option

MICROBIOLOGY PROGRAM MODIFICATIONS EFFECTIVE 2015 FALL TERM

Current Option List for Microbiology Honours, Honours Cooperative Option, Major and Major Cooperative Option:

Option List for All Microbiology Programs:

Biological Sciences:

BIOL 2242 (BOTN 2010), BIOL 2260 (BOTN 2210), BIOL 2261, BIOL 2300 (BOTN 2370, ZOOL 2370), BIOL 2301 (BOTN 2371, ZOOL 2371), BIOL 2380 (BOTN 2180, ZOOL 2180), BIOL 2381, BIOL 2410 (ZOOL 2530), BIOL 2411 (ZOOL 2531), BIOL 2420 (ZOOL 2540), BIOL 2421 (ZOOL 2541), BIOL 2540 (ZOOL 2150), BIOL 3260 (BOTN 2290), BIOL 3290 (BOTN 3280), BIOL 3291, BIOL 3330 (BOTN 3250), BIOL 3370 (ZOOL 3500), BIOL 3450 (BOTN 2020), BIOL 3452 (BOTN 3010), BIOL 3460 (ZOOL 3530), BIOL 3462 (ZOOL 3540), BIOL 3470, BIOL 3472, BIOL 3500 (BOTN 3460), BIOL 3501, BIO

Chemistry:

CHEM 2280, CHEM 2290, CHEM 2380, CHEM 2400, CHEM 2470, CHEM 3390, CHEM 3590, CHEM 3570, CHEM 4590, CHEM 4360, CHEM 4370, CHEM 4620, CHEM 4630, CHEM 4670

Environmental Science: ENVR 2180

Food Sciences: FOOD 4150, FOOD 4280

General Agriculture: AGRI 2180, AGEC 2370

Pharmacology: PHAC 4030, PHAC 4040

Statistics: STAT 2000

NOTE: Other suitable options may be selected with permission of the department.

Proposed Option List For Microbiology Honours, Honours Cooperative Option, Major and Major Cooperative Option:

Option List for All Microbiology Programs:

Agroecology: AGEC 2370

Biological Sciences:

BIOL 2242 (BOTN 2010), BIOL 2260 (BOTN 2210), BIOL 2261, BIOL 2300 (BOTN 2370, ZOOL 2370), BIOL

2301 (BOTN 2371, ZOOL 2371), BIOL 2380 (BOTN 2180, ZOOL 2180), BIOL 2381, BIOL 2410 (ZOOL 2530), BIOL 2411 (ZOOL 2531), BIOL 2420(ZOOL 2540), BIOL 2421 (ZOOL 2541), BIOL 3260 (BOTN 2290), BIOL 3290 (BOTN 3280), BIOL 3291, BIOL 3330 (BOTN 3250), BIOL 3370 (ZOOL 3500), BIOL 3400 (BIOL 3450), BIOL 3452 (BOTN 3010), BIOL 3460 (ZOOL 3530), BIOL 3462 (ZOOL 3540), BIOL 3470, BIOL 3472, BIOL 3500 (BOTN 3460), BIOL 3501, BIOL 3560 (ZOOL 3060), BIOL 3561, BIOL 4242 (BOTN 4130), BIOL 4244 (BOTN 4160), BIOL 4246 (BOTN 4050), BIOL 4250 (BOTN 4210), BIOL 4430 (BOTN 4120), BIOL 4480 (ZOOL 4600), BIOL 4540 (ZOOL 4150), BIOL 4542 (ZOOL 4270), BIOL 4554, BIOL 4556, BIOL 4560(ZOOL 4140)

Chemistry:

CHEM 2280, CHEM 2290, CHEM 2380, CHEM 2400, CHEM 2470, CHEM 3390, CHEM 3590, CHEM 3570, CHEM 4590, CHEM 4360, CHEM 4370, CHEM 4620, CHEM 4630, CHEM 4670

Environmental Science: ENVR 2180

Food Sciences: FOOD 4150, FOOD 4280

General Agriculture: AGRI 2180

Pharmacology: PHAC 4030, PHAC 4040

Plant Science: PLNT 3400

Statistics: STAT 2000

NOTE: Other suitable options may be selected with permission of the department.

Summary of Changes:

To delete BIOL 2540, BIOL 3450 and BIOL 3540 from the Option List for all Microbiology programs and add to the list BIOL 3400 and PLNT 3400.

Add the title Agroecology as one of the departments offering a course on the Option List, and move AGEC 2370 to that department.

Rationale:

BIOL 2540 and BIOL 3540 have been deleted by the Biological Sciences department. Therefore, they should be deleted as options for the Microbiology program.

BIOL 3450 was deleted as a course offered by the department of Biological Sciences in Fall 2013. Therefore, it should be deleted as an option for the Microbiology program. BIOL 3450 was replaced with BIOL 3400 and PLNT 3400, which are taught together.

AGEC 2370 is an Agroecology department course, not a General Agriculture course.

Physics and Astronomy

Introductions:

PHYS 4010 General Relativity I: A Relativistic Theory of Gravity Cr.Hrs. 3 +3.0 Topics include Newtonian gravity, the theory of special relativity, relativistic hydrodynamics, relativistic electrodynamics, curved space-time, tensor calculus, and Einstein's equations. Prerequisites: PHYS 2490 and PHYS 3650 or approval of the instructor.

PHYS 4020 General Relativity II: Applications and Cosmology Cr.Hrs. 3 +3.0 Topics include static solutions of Einstein's equations, gravitational waves, static models for stars (white dwarfs, neutron stars), dynamic models for stars (Birkhoff theorem, black holes), cosmology (Robertson-Walker metric, Friedmann equations), extended and alternative theories for gravity (e.g. Brans-Dicke theory, Einstein-Cartan theory, and Kaluza-Klein theory). Prerequisite: PHYS 4010.

NET CHANGE IN CREDIT HOURS: +6.0

Statistics

Deletion:

STAT 3120 Topics in Regression Analysis Cr.Hrs. 3

-3.0

NET CHANGE IN CREDIT HOURS: -3.0

Université de Saint-Boniface

Modification:

ACC 4031 Théorie Comptable Cr.Hrs. 3

0.0

(Ancien 009.403) Évolution de la théorie comptable, processus de normalisation et influence du milieu sur son cheminement, étude des modèles de mesure des bénéfices, théorie d'agence, hypothèse de l'efficience des marchés de capitaux, etc. Contenu variable d'année en année selon les besoins des étudiantes et des étudiants, et selon la spécialité du professeur ou de la professeure. Préalables: [ACC 2011 ou ACC 2010 (D) (009.201)] et [FIN 2201 ou FIN 2200 (D) (009.200)]. Préalable ou concomitant: ACC 2021 ou ACC 2020 (D) (009.202). On ne peut se faire créditer le ACC 4031 et le ACC 4030 (009.403).

REPORT OF THE SENATE COMMITTEE ON AWARDS

Preamble

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

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

Observations

At its meeting of October 20, 2014 the Senate Committee on Awards approved two new offers and one amended offer, as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated October 20, 2014).

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve two new offers and one amended offer, as set out in Appendix A of the *Report of the Senate Committee* on Awards (dated October 20, 2014). These award decisions comply with the published guidelines of November 3, 1999, and are reported to Senate for information.

Respectfully submitted,

Dr. Phil Hultin Chair, Senate Committee on Awards

SENATE COMMITTEE ON AWARDS Appendix A October 20, 2014

1. NEW OFFERS

Bill Moir Graduate Fellowship in Marketing

William (Bill) Moir, B.Comm. (Hons.)/1972, has established an endowment fund at the University of Manitoba with an initial gift of \$100,000 in 2014. Bill is an experienced marketing executive and takes a holistic approach to business strategy, beyond just marketing, in order to create a truly customer centric organization. Beginning in the 2016-2017 academic year, the available annual interest will be used to offer up to two fellowships to graduate students who:

- (1) are enrolled full-time in the Faculty of Graduate Studies in either the M.Sc. or Ph.D program of the I.H. Asper School of Business, with a specialization in Marketing;
- (2) have achieved a minimum degree grade point average of 3.5 (or equivalent) based on the previous 60 credit hours of study.

Preference will be given to students pursuing research in the area of consumer behaviour and marketing strategy.

The selection committee will have the discretion to determine the number and value of the fellowships based on the available income from the fund.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Dean of the I.H. Asper School of Business (or designate) to name the selection committee for this award.

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

David and Gursh Barnard Graduate Scholarship in Fine Arts

David and Gursh Barnard have established an endowment fund at the University of Manitoba with gifts totaling over \$130,000 to support graduate scholarships for students in the School of Art. Each year, the available annual income from the fund will be used to offer one scholarship to a graduate student who:

- (1) is enrolled full-time in the Faculty of Graduate Studies, in the second year of the Master of Fine Arts program;
- (2) has achieved a minimum degree grade point average of 3.5 (or equivalent) based on coursework completed in the first year of the Master of Fine Arts;
- (3) has, in the first year of the program, produced a highly ranked body of work, as determined by the selection committee.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Director of the School of Art (or designate) to name the selection committee.

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

2. AMENDMENTS

Phyllis Martin Memorial Bursary

The following amendments have been made to the terms of reference for the Phyllis Martin Memorial Bursary:

- The first sentence of the preamble has been changed to reflect the donors' names.
- All of the biographical information that makes up the preamble has been removed from the terms and is included in a separate section to appear after the terms under the heading "Biographical Information". This section will only appear on the final draft of the terms shared with the department and the donor and is not a part of the terms to be considered for approval.
- The numbered eligibility criteria have been revised and now read:
 - (1) are enrolled full or part-time in any year of the Bachelor of Nursing Program in the College of Nursing at the University of Manitoba;
 - (2) have achieved a minimum degree grade point average of 2.5;
 - (3) have demonstrated financial need on the standard University of Manitoba bursary application form.
- The sentence "The selection committee will have the discretion to determine the number and value of bursaries to be offered each year." has been included.
- The selection committee has been changed to the Student Awards Committee of the College of Nursing
- The standard Board of Governors statement has been added to the end of the terms of reference.



UNIVERSITY | Office of the Vice-President OF MANITOBA | (Academic) & Provost

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

November 4, 2014

Dr. Joanne Keselman Vice-President (Academic) and Provost

Dear Joanne,

Re: International College of Manitoba Annual Report to the Provost

On behalf of the University of Manitoba / International College of Manitoba (UM / ICM) Academic Advisory Committee (AAC), I am pleased to forward a copy of the Annual Report on the Operations of the International College of Manitoba, for the period September 2013 to August 2014, approved at the October 21, 2014 meeting of the AAC.

Please note that the attached report includes data describing the performance of ICM graduates admitted to the University of Manitoba in the Fall term 2013. As a comparison group for the ICM graduates, data are included for Domestic and International cohorts that include undergraduate students admitted to UM on the basis of high school in Fall term 2012, and assessed in 2013-14 following their second year of study. The Domestic cohort includes Canadians and Permanent Residents. The International cohort includes students with international status.

In addition to the Annual Report, I am also providing a copy of the ICM End of Semester (EOS) Report for the period May to August, 2014. The EOS Report contains information on student performance in the ICM UTP II program, including comments from the participating instructors and students about their respective experiences in each course. The EOS Report will be made available to interested Senators, in the University Secretary's Office, following the presentation of the Annual Report to Senate.

By this communication the above two reports will also be forwarded to the Office of the University Secretary for inclusion on the next available Senate agenda.

Regards,

David Collins, PhD

Vice-Provost (Integrated Planning and Academic Programs)

cc: Mr. Jeff Leclerc, University Secretary

Annual Report on the Operations of the International College of Manitoba September 2013 to August 2014

ICM staff and students were profoundly saddened when Susan Deane, founding Principal of the College, passed away on September 2, 2014. Susan was a central figure in the establishment of ICM in 2008. Her devotion to quality education for international students and her gifts as an administrator saw ICM grow from 33 students in the fall of 2008 to more than 1,000 at the time of her passing. Susan's deep personal commitment to ICM students and her inspirational leadership of ICM staff were truly remarkable. In a lifetime of extraordinary accomplishments in a wide variety of occupations and endeavours, by far her most cherished achievement was as College Director and Principal. The over 1,200 ICM graduates who have successfully adapted to the Canadian postsecondary system are a testimony to the personal support and high quality of education that Susan Deane created in the College. Her patience, kindness, humor, and wisdom will be very much missed by students and staff at ICM and throughout the University of Manitoba.

The International College of Manitoba (ICM) delivers pathway programs for international students who would not normally qualify for direct entry to the University of Manitoba (UM). ICM students complete a minimum of 30 credit hours of university studies in a supportive environment that includes small class sizes, extended teaching hours, and additional learning assistance before transferring to UM. ICM's intensive learning experience familiarizes students with Canadian university teaching styles, academic expectations, writing standards, and English language usage. Students also receive help in adapting to the Canadian culture and the University's teaching and learning environment. The program helps students who are far from friends and family, and who are often living on their own for the first time, to build the supportive social networks that are necessary for success in postsecondary studies.

The ICM program is specifically designed to assist international students during their transition to UM. The teaching and learning support, as well as the social support and environment provided by ICM are tailored to ensure that students will succeed when they transfer to UM. To date, approximately 95% of the students who successfully complete the ICM program have transferred to the UM. Currently, some 1,070 former ICM students are registered in thirteen different Faculties at the University of Manitoba.

ICM offers two programs, a pre-university foundation program called University Transfer Program Stage I (UTP I)(8 percent) and a first year university level program called University Transfer Program Stage II (UTP II) (92 percent).

Financial Contribution

ICM pays a royalty to the University. In 2013-14 the royalty payments totaled \$2,250,618 million bringing the amount paid since ICM's inception to \$6,876,995 million. A further \$240,640 was paid by ICM students to the UM for student services fees during 2013-14. In addition, ICM had students studying at the English Language programs at the UM generating a further \$108,865 for the UM.

1. Students

Transition to University of Manitoba

ICM students must meet the admission requirements, as set by the University, including the appropriate GPA to gain admission to their target faculties at UM. Table 1 documents students' pathway programs of study while at ICM.

Student Diversity:

During 2013-14 year, students from 59 countries enrolled in ICM. China and Pakistan have the highest representation, followed by students from Nigeria, Hong Kong, and India.

Merit Scholarships and Awards

ICM students and instructors have won several awards for their academic achievements and contributions to the community.

The 6th annual graduation ceremony was held on October 2nd 2014 with approximately 200 graduates and guests in attendance as well as 125 viewers of the live webcast . Three students were selected to speak about their ICM experience. ICM awarded 15 awards to students for outstanding academic performance and a further five (5) students were given awards for their outstanding contribution to the ICM community.

One of the ICM graduates who spoke during the ceremony stated:

Choosing to start my career at ICM is the best decision I have ever made. It gave me so many first-time experiences. First time to get a scholarship, first time to be a class tutor, first time to speak for a graduation ceremony, first time to get 3 awards on the same stage in the same ceremony, first time to hear so many people saying they are proud of me. As I said during my speech, ICM is really a path that guides students to become leaders, it shaped my life. Thank you for leading me to move closer to my goals each and every day.

ICM also recognized one instructor for the Excellence in Teaching award and recognized the longstanding dedication of two instructors who retired within the year.

The Abraham and Mary Mathai University of Manitoba Entrance scholarship for students who have achieved academic excellence at ICM during the completion of their UTPII program and have been accepted to further their studies at the University of Manitoba was awarded to three ICM students. In addition, the Saint Paul's ICM scholarship was awarded to three ICM students who contributed to the community on their transfer to the University of Manitoba.

Each term, ICM awards two merit scholarships, based on academic performance, which cover the cost of up to five courses. Six merit scholarships were awarded in 2013-14. Recipients for this year came from China, Hong Kong, Kenya, Pakistan, South Korea and Tanzania.

During the period under review, 56 ICM students made the honours list with GPA's of 3.8 or higher.

Table 1: Pathway program of graduated students during their ICM program

| Semester | Arts | Business | Engineering | Science | Total |
|-----------|------|----------|-------------|---------|-------|
| Aug, 2009 | 1 | 4 | 1 | 5 | 11 |
| Dec, 2009 | 1 | 6 | 1 | 5 | 13 |
| Apr, 2010 | 2 | 9 | 2 | 5 | 18 |
| Aug, 2010 | 4 | 19 | 11 | 12 | 46 |
| Dec, 2010 | 10 | 11 | 5 | 10 | 36 |
| Apr, 2011 | 7 | 23 | 6 | 13 | 49 |
| Aug, 2011 | 15 | 32 | 17 | 20 | 85 |
| Dec, 2011 | 22 | 27 | 9 | 6 | 64 |
| Apr, 2012 | 12 | 26 | 12 | 11 | 61 |
| Aug, 2012 | 23 | 37 | 22 | 22 | 104 |
| Dec, 2012 | 23 | 33 | 12 | 17 | 85 |
| Apr, 2013 | 24 | 28 | 14 | 23 | 89 |
| Aug, 2013 | 25 | 50 | 31 | 39 | 145 |
| Dec, 2013 | 24 | 30 | 14 | 49 | 117 |
| Apr, 2014 | 28 | 53 | 27 | 24 | 132 |
| Aug, 2014 | 17 | 57 | 38 | 37 | 149 |

Academic and Other Support for ICM students

ICM provides a variety of formal and informal support activities and programs to support students in their first year in Canada.

The Integrated Learning Skills (ILS) course is a required, non-credit course for which students are charged no fees. The course is offered four hours per week over 13 weeks in the student's first term of studies. It is designed to provide students with the learning skills required to be successful in university studies in a Canadian learning environment. Skills students learn in the ILS class include: understanding and avoiding plagiarism and academic dishonesty, preparing for tests, note taking, time management, writing research papers, working in groups, and presentations. The course also includes information to assist students' adaptation to their Canadian home including a history of Winnipeg, field trips around the city, colloquial English, and cultural differences students may encounter in Canada.

ICM provides an intensive program to help students who are at academic risk. These at-risk students are required to participate in a workshop series that provides a variety of tools to

increase their academic success and get them back on track. Seventy five percent of the students who find themselves on probation are back on track within one semester as a result of these interventions.

A number of presentations are offered at ICM each semester to provide information on topics such as UM's application process, academic program planning, academic standing, and transition to the University of Manitoba. ICM alumni are also engaged to provide helpful information to students who are about to progress to the University.

ICM uses an advising model that is a combination of personal meetings, social media, email and an e-learning portal to engage with students and support all ICM students.

Student Activities

ICM is dedicated to helping students develop their leadership opportunities, their academic outcomes and their personal wellbeing. To these ends, ICM provides a number of supportive activities each semester. This year, the following activities were pursued:

Orientation – Orientation provides a series of creative and enjoyable activities that orient students to ICM, the workings of the University, and to Winnipeg. Orientations were held for new students at each of the three intakes in August, January and May. Between 90% and 95% of new students participated in the orientation periods in 2013-14. An orientation "passport challenge" familiarizes students with important locations around campus. "Academic Program Jeopardy" is a game orientated to navigating academic programs and university procedures. Students took tours of points of interest in Winnipeg, which were led by ICM students. In order to introduce new students to winter in a fun and positive way, a 'snow play' activity was incorporated into the January orientation.

Peer Advisors – Peer Advisors, student leaders either in their final semester at ICM or ICM alumni, help ease apprehension of new students by showing them that they are not alone and that they have immediate access to advisors that are ready to assist them with any question, concern, or company they might be needing. For some international students it is not always easy to approach a staff member and open up; it is for this reason that the Peer Advisor Program was initiated. The program gives students the option to seek advice, friendship, and mentorship from their cohorts in a safe environment. It also allows international students an opportunity to take on a leadership role and skills acquired in this program will be an asset to them as they progress through their studies and beyond.

Peer Study Support – <u>Students Helping Students</u> – ICM alumni and advanced students who have excelled in specific subjects serve as peer tutors to fellow students. All peer tutors receive specific training in how to assist students to learn without doing their work for them. They provide help with specific subjects through study groups, drop-in meetings once a week, or through appointments arranged on-line. These activities are monitored and supported by ICM academic advising staff. The College provides resources and refreshments for all peer advising activities.

Supplementary Instructional Sessions – Several supplementary instructional sessions were conducted in a number of subjects which saw good attendance and participation from students. The sessions are led by peer tutors who work with the instructors in the course to plan review material. These sessions have improved the pass rates.

Academic Support Workshops – ICM offers a number of workshops each term that are designed to help students with various aspects of their academics. These included tips for academic success, information on VW's and GPA, a walk-through of how to apply to the U of M as well as program planning. In order to reach even more students some of these workshops have been converted to an online presentation that students can access anytime through the student portal.

Social Events – This year, ICM hosted a number of social events to engage the students in to the community. These included: weekly movie nights, a trip to the A Maze-In-Corn, Sky Zone, Lasertopia, a pool night, ice-skating, summer intramurals and a very popular bonfire and barbecue. ICM students are also able to participate in events run by the International Centre for Students Office at the UM.

Volunteering – ICM encourages students to get involved as volunteers with activities at ICM or the UM. This helps the students learn how to engage in the whole UM community and sets them up with the skills they will need when applying for work opportunities when they move to the UM. Volunteer opportunities at ICM include planning social events, tutoring academic subjects, assisting at Orientation, or helping with other special events. The College also engages its alumni in volunteer opportunities. These include lead roles in Orientation or Peer support program opportunities. Those who express interest in these activities are provided with specific training on each of the areas.

Community Engagement – ICM held a very successful *Random Acts of Kindness week* which received much positive media attention. This event took place during the week of Valentine's Day with a different theme each day:

- Reach Out Monday- Students were encouraged to reach out to parents or friends back home.
- Good Message Tuesday Students were given post-it notes and encouraged to write a kind message for an instructor or a friend.
- Warm Up Wednesdays- Students tied scarves all around campus with a note that read, "I am not lost, take me if you are cold."
- Thankful Thursdays: Students could add a note of something they were thankful for to a communal board in the Fitzgerald building.
- Valentine's Day- Students could buy a chocolate rose and a card, as well as
 Hershey's kisses. All money raised from the Hershey's Kisses was donated to the
 Food Bank on campus through the purchase of food. Students were also
 encouraged to wear pink or red.
- ICM encourages its students to support their local community, and supports initiatives that students undertake. Last year the College supported three of its students in fundraising for relief efforts after Typhoon Haiyan in the Philippines.

Integrated tutorials – With input from instructors, ICM provides scheduled tutorials embedded into some of its courses that help students develop skills in essay-writing and problem-solving. Subject specific tutorials in the 2013-14 academic year included Literary Topics, Business Communications, Thermal Sciences, and Statistics. ICM instructors are encouraged to identify areas where students could benefit with additional supports. This allows ICM to respond in a timely manner and provide the supports that are needed. The additional tutorials that were provided have benefitted the students in their academic learning and performance.

Transition workshops – University staff from Enrolment Services provides a workshop each term to help students with their transition process. ICM students are introduced to Aurora, the student registration system at the UM, and are provided with information on the registration process. Students are also given some guidelines about student advising facilities at the Registrar's Office, at Faculties, and Departments.

Student Leadership – ICM's Student Council has developed an organizational structure and has defined leadership roles. The Student Council is committed to helping ICM further develop leadership opportunities for students interested in being part of academic and social programming and providing a means of communication to students. The council had approximately 25 members throughout the 2013-14 academic year who regularly met with the ICM staff with their ideas for student engagement and improving the success both academically and socially of the students.

In addition to the ICM Student Council, many students undertook leadership training in order to engage as leaders in the Student Orientation, Peer Mentoring, Peer Advising, and Student Ambassador programs.

ICM Alumni Achievements – ICM alumni have contributed significantly to the U of M. They are involved in a wide variety of endeavours during their undergraduate programs at UM. A current ICM student, Kim Kim Ly, began her studies at ICM in January of 2014. She quickly became involved in ICM's Student Council as the Communications Head where she worked hard to raise the Student Council's profile. Recently Kim Kim's involvement has spread from the ICM community to the greater community of Winnipeg where she was awarded the Young Liberals Scholarship Award after submitting an essay on what she would do if she were Premier of Manitoba. Her ideas were inspiring and stood out to Liberal Leader, Rana Bokhari, who saw promise and drive in her. After offering Kim Kim the award, Ms. Bokhari offered her a position within the Liberal Party as the chair of the International Students Young Liberals. This is a new position within the Young Liberals Party and one that Ms. Bakari has fully entrusted to Kim Kim.

Astitwa Thapa, a former ICM student from Nepal, completed his ICM program in August of 2012 and is currently in his 4th year of his Environmental Science (Hons) degree with a focus on Sustainable Development at the University of Manitoba. Astitwa is the President of the Nepali Student Association, a World Wise Ambassador for University of Manitoba's International Centre for Students and is employed by the World Vision Organization. He also is an active member of the Sustainability Committee at UM as well as a Student Senator for The Faculty of Environment. He is a member of the Senate Executive Committee and of the Senate Committee on Academic Review. He is also a

delegate to the UM Canadian Federation of Students. He has won numerous awards including the UM Student Union International Student Award, the UM Emerging Leader Award, the International Paulinian Award and the ICM Citizenship Award.

In March 2014, three ICM alumni won the Emerging Leader Award (ELA) as a result of their contribution to the UM community and outstanding leadership qualities and efforts. Additionally, ICM current students and alumni are highly involved in numerous U of M student groups including AIESEC and various cultural groups.

Media Coverage – Throughout the year ICM students shared their stories with media. Students were invited to speak about their experiences at ICM and in Winnipeg. Coveage of student experiences at ICM over the past year include ICM students' first winter, Random Acts of Kindness Week, spring graduation, and a student-led fundraiser for survivors of Typhoon Haiyan.

This media coverage reflected positively on the U of M through ICM students mentioning the University in their media coverage.

2. Teaching at ICM

Quality Assurance

ICM, in agreement with the University of Manitoba, has a range of quality assurance measures including oversight by University Faculties of all UTP II course outlines, mid-terms, final examination papers and marking schemes. This is to ensure comparability between the similar courses and that the courses are delivered and examined with the same rigour that they would be if they were taught at UM.

All instructional staff teaching the UTP II university level courses are approved by the UM Course Coordinators as being suitably qualified to teach the course. The approval of course outlines and compliance processes were followed for each course.

During 2013-14, ICM devoted one of its Professional Development days for instructors to a thorough review of academic integrity issues. Early intervention was identified as a useful strategy for dealing with potential cases of academic dishonesty. ICM policy is to help students appreciate the seriousness of academic dishonesty and to change their behaviour in future. In the three semesters under review here, eighty students were found guilty of a first offense, but only a dozen were found guilty of a second offense. There were no third offenses and thus no student was terminated for academic dishonesty.

Instruction

ICM instructors are committed to supporting students during their transition to university. Forty-nine individuals instructed one or more courses during the 2013-2014, academic year. Each term, an instructor meeting is held to debrief activities and allow instructors to share teaching strategies. They also share information and teaching strategies through an instructor wiki. Professional development sessions for instructors this year focused on ICM Updates and Policy Overview, Muslim Students and Islamic Faith, and Academic Integrity. ICM instructors are compensated similarly as sessional instructors at the UM.

Instructor's Survey Feedback

ICM instructors provide a report each semester highlighting successful teaching strategies and reflecting on challenges they face. These reports help provide transition information to new instructors, and provide examples of best practice that can be shared with current instructors.

ICM surveys Instructors each term to measure instructor satisfaction. This allows ICM to address any identified needs and issues promptly and gives the college the opportunity to continuously improve its operations based on the data collected. Last year, 92% of instructors indicated they were highly satisfied with their experience at ICM.

Academic Advisory Committee (AAC)

The UM/ICM Academic Advisory Committee, chaired by Dr. David Collins met once each term to further ensure that the excellent quality assurance of the Academic program at ICM is maintained.

The membership and the terms of reference of the AAC are included as Appendix A of this report.

3. Outcomes

Students GPA

During 2013-14, 398 students successfully completed the UTPII program. Of these, 74 students had GPA's of 3.7 or higher, and the average GPA of all graduating ICM students was 2.99.

ICM Graduates, 2013-2014

The Office of Institutional Analysis (OIA) has provided data (Tables 2 to 5) on University of Manitoba students from ICM during the 2013-2014 academic year, compared with other International and Domestic students (Tables 2 and 3). Table 5 provides the cumulative enrolments of ICM graduates at UM from 2009/10 to 2013/14.

The Domestic and International cohorts included for comparison were students admitted on the basis of high school performance in Fall term 2012, and assessed in 2013-2014, following their second year of study. The Domestic cohort includes Canadians and Permanent Residents, and the International cohort includes students with International status (see definitions in Appendix B).

Because of definitional changes in several Faculties, OIA cautioned against the use of comparative data on student status as had been done in previous annual reports. The data demonstrate that ICM graduates performance is similar to that of international students who enter the University directly even though ICM students do not normally meet the requirements for direct entry to the first year at UM.

The definition of how to determine student academic standing changed for 2013-14. As a result students are either in 'good standing' or they are not. As a result, prior year's data are no longer comparable. The 2013-14 data show that 98% of domestic students, 99% of international students, and 97% of ICM graduates are in 'good standing'. That is, the performace of ICM graduates is similar to both other international, and domestic students.

Table 2: International College of Manitoba Graduates at the University of Manitoba, 2013-2014. Grade Point Average, by Full/Part Status, Admit Term & Cohort Group¹

| | | Fall Term 2013 | | | Winter Term 2014 | | Session 2013 | Session 2013-14 | |
|------------------------|-------------|----------------|-----------------------|----------------|-----------------------|----------------|----------------------------|-------------------------|--|
| | Admit Term | N ² | Term GPA ³ | N ² | Term GPA ³ | N ² | Sessional GPA ⁴ | Degree GPA ⁵ | |
| Full-Time | | | | | | | | | |
| Domestic students | Fall 2012 | 2357 | 3.06 | 2325 | 3.02 | 2398 | 3.02 | 3.05 | |
| International students | Fall 2012 | 227 | 2.70 | 222 | 2.66 | 232 | 2.65 | 2.71 | |
| ICM graduates | Fall 2013 | 164 | 2.60 | 171 | 2.45 | 175 | 2.48 | 2.89 | |
| | Winter 2014 | | | 82 | 2.15 | 82 | 2.17 | 2.71 | |
| | Subtotal | 164 | 2.60 | 253 | 2.35 | 257 | 2.38 | 2.83 | |
| Full-Time Subtotal | | 2748 | 3.00 | 2800 | 2.93 | 2887 | 2.93 | 3.00 | |
| Part-Time | | | | | | | | | |
| Domestic students | Fall 2012 | 677 | 2.24 | 607 | 2.21 | 728 | 2.16 | 2.27 | |
| International students | Fall 2012 | 51 | 1.78 | 50 | 1.81 | 54 | 1.82 | 1.93 | |
| ICM graduates | Fall 2013 | 43 | 2.08 | 42 | 1.92 | 46 | 1.94 | 2.59 | |
| | Winter 2014 | | | 21 | 1.96 | 21 | 1.96 | 2.67 | |
| | Subtotal | 43 | 2.08 | 63 | 1.94 | 67 | 1.94 | 2.61 | |
| Part-Time Subtotal | | 771 | 2.20 | 720 | 2.16 | 849 | 2.12 | 2.27 | |
| All Students | | | | | | | | | |
| Domestic students | Fall 2012 | 3034 | 2.88 | 2932 | 2.85 | 3126 | 2.82 | 2.87 | |
| International students | Fall 2012 | 278 | 2.54 | 272 | 2.51 | 286 | 2.49 | 2.56 | |
| ICM graduates | Fall 2013 | 207 | 2.49 | 213 | 2.34 | 221 | 2.37 | 2.83 | |
| | Winter 2014 | | | 103 | 2.11 | 103 | 2.13 | 2.70 | |
| | Subtotal | 207 | 2.49 | 316 | 2.27 | 324 | 2.29 | 2.79 | |
| Total | | 3519 | 2.83 | 3520 | 2.77 | 3736 | 2.75 | 2.84 | |

As a comparison group for the ICM graduates, the Domestic and International cohorts include undergraduate students admitted on the basis of high school in Fall term 2012 and assessed in 2013-14 following their second year of study. The Domestic cohort includes Canadians and Permanent Residents. The International cohort includes students with international status.

^{2.} N represents the count of the students included in the specific GPA calculation. Students must have completed courses to be considered active in the term.

^{3.} The average Fall and Winter GPA is based on course completions in the specific term.

^{4.} The average Sessional GPA is based on students' course completions in both the the Fall and Winter term.

^{5.} The average Degree GPA is based on all courses applied to the program, including transfer courses.

Table 3: International College of Manitoba Graduates at the University of Manitoba, 2013-2014 Credit hours passed & failed, by Full/Part Status, Admit Term & Cohort Group.¹

| | | No. of Average Average Students with failed crhrs | | | led crhrs | | | |
|------------------------------------|-------------|---|--------------|--------------|--------------|-----|-------------|------------------|
| | Admit Term | Students | Crhrs Earned | Crhrs Passed | Crhrs Failed | No. | % of cohort | Avg crhrs failed |
| F. II T' | | | | | | | | |
| Full-Time | | | | | | | | |
| Domestic students International | Fall 2012 | 2398 | 22.5 | 21.4 | 1.1 | 414 | 17.3% | 6.1 |
| students | Fall 2012 | 232 | 20.6 | 19.0 | 1.7 | 63 | 27.2% | 6.1 |
| ICM graduates | Fall 2013 | 175 | 20.0 | 18.6 | 1.4 | 54 | 30.9% | 4.6 |
| | Winter 2014 | 82 | 10.1 | 8.6 | 1.5 | 32 | 39.0% | 3.9 |
| | Subtotal | 257 | 16.9 | 15.4 | 1.5 | 86 | 33.5% | 4.3 |
| Full-Time Subtotal | | 2887 | 21.8 | 20.7 | 1.1 | 563 | 19.5% | 5.8 |
| Part-Time | | | | | | | | |
| Domestic students International | Fall 2012 | 728 | 10.7 | 9.0 | 1.6 | 233 | 32.0% | 5.1 |
| students | Fall 2012 | 54 | 11.7 | 9.1 | 2.7 | 24 | 44.4% | 6.0 |
| ICM graduates | Fall 2013 | 46 | 11.6 | 9.9 | 1.7 | 16 | 34.8% | 4.8 |
| J | Winter 2014 | 21 | 6.4 | 4.6 | 1.6 | 8 | 38.1% | 4.1 |
| | Subtotal | 67 | 9.9 | 8.2 | 1.6 | 24 | 35.8% | 4.5 |
| Part-Time Subtotal | | 849 | 10.7 | 9.0 | 1.7 | 281 | 33.1% | 5.1 |
| Total | | 3736 | 19.3 | 18.0 | 1.3 | 844 | 22.6% | 5.6 |

¹ As a comparison group for the ICM students, the Domestic and International cohorts include undergraduate students admitted on the basis of high school in Fall Term 2011 and assessed in 2012-2013 following their second year of study. The Domestic cohort includes Canadian and Permanent Residents. The International cohort includes students with international status.

Table 4: ICM Graduates at the UM, 2013-2014, by Admit Term, Faculty/School

| Admit Term | Faculty | Total |
|-------------|---------------------------------|-------|
| | | |
| Fall 2013 | Agricultural & Food Sciences | 6 |
| | School of Art + Human Ecology + | |
| | Environment, Earth & Resources | 8 |
| | Arts | 83 |
| | Business, Asper School of | 38 |
| | Engineering | 33 |
| | Science | 53 |
| | Subtotal | 221 |
| Winter 2014 | Arts | 49 |
| | Science | 54 |
| | Subtotal | 103 |
| | Total | 324 |

Table 5: ICM Graduates at the University of Manitoba by Admit Year and Full/Part Status.

| Admit Year | | Full | Part | Total |
|------------|-------------|------|----------|-------|
| 2012 2014 | Fall 2013 | 175 | 46 | 221 |
| 2013-2014 | | 175 | 46 21 | |
| | Winter 2014 | 82 | 21 | 103 |
| | Subtotal | 257 | 67 | 324 |
| 2012-2013 | Fall 2012 | 134 | 36 | 170 |
| | Winter 2013 | 45 | 22 | 67 |
| | Subtotal | 179 | 58 | 237 |
| 2011-2012 | Fall 20111 | 115 | 25 | 140 |
| | Winter 2012 | 39 | 23 | 62 |
| | Subtotal | 154 | 48 | 202 |
| 2010-2011 | Fall 2010 | 53 | 10 | 63 |
| | Winter 2011 | 18 | 12 | 30 |
| | Subtotal | 71 | 22 | 93 |
| 2009-2010 | Fall 2009 | 8 | 2 | 10 |
| | Winter 2010 | 9 | 4 | 13 |
| | Subtotal | 17 | 6 | 23 |
| TOTAL | | | | 879 |
| | | | | |

Student Feedback

Using both internal and independently conducted research, ICM regularly monitors the satisfaction of its students. It uses these data to continually adjust and improve student service.

ICM students are surveyed each semester using the SEEQ survey. Instructors receive a copy of their SEEQ evaluations.

A Student Satisfaction Survey, similar to but independent of UM's SEEQ evaluation, is also completed annually, and in 2013, 29% of students completed the survey. A summary of the key measures is provided in Table 7; students were asked to rate the six statements on a five point scale (from Excellent, Good, Satisfactory, Unsatisfactory, to Very Unsatisfactory).

Table 6: Student Satisfaction Survey related to the teaching and learning environment, 2013

| Areas Assessed | Good & Excellent | Satisfactory, Good & Excellent |
|--|---------------------|-----------------------------------|
| Overall, how do you rate the quality of teaching | 85% | 97% |
| Overall, how do you rate the quality of support services | 60% | 93% |
| Overall, how do you rate the quality of the learning culture | 77% | 96% |
| Overall, how do you rate the quality of the learning environment | 70% | 95% |
| Overall, how do you rate the quality of the facilities & resources | 65% | 98% |
| Overall, how do you rate the quality of customer service | 74% | 98% |

ICM has maintained its solid performance in most areas in each year the study has been completed as documented in Table 8.

Table 7: Student Satisfaction Survey (Satisfactory, Good and Excellent Ratings Combined) related to the teaching and learning environment from 2009 to 2013

| Areas Assessed | 2009 | 2010 | 2011 | 2012 | 2013 |
|--|-------------|-------------|------------|------------|------------|
| Overall, how do you rate the quality of teaching Overall, how do you rate the quality of support | 100% 96% | 99% 100% | 96% 93% | 99% 97% | 97% 93% |
| services Overall, how do you rate the quality of the learning | 88% | 100% | 95% | 98% | 96% |
| culture Overall, how do you rate the quality of the learning environment | 92% | 96% | 94% | 98% | 95% |
| Overall, how do you rate the quality of the facilities & resources | 92% | 96% | 98% | 97% | 98% |
| Overall, how do you rate the quality of customer service | 88% | 97% | 97% | 98% | 98% |
| Participation Rates | 21% | 30% | 26% | 52% | 29% |

Appendix A

International College of Manitoba and University of Manitoba Academic Advisory Council

TERMS OF REFERENCE

The Academic Advisory Council shall provide advice to ICM and UM regarding the operations of ICM and in particular shall be responsible for reporting regularly on the following:

- During any given time period, the numbers of students admitted to ICM, the courses offered by ICM, and the academic performance of ICM students in those courses;
- During any given time period, the numbers of ICM students admitted to UM, their country of origin, the programs into which they are admitted, and the number of ICM students who are admitted to other postsecondary institutions;
- During any given time period, the academic performance of ICM students admitted to UM programs as compared with the academic performance of other international students admitted to UM programs;
- 4. ICM and UM will report annually on their separate and joint activities undertaken to increase international student recruitment and retention;
- 5. Analysis of UM Departmental workloads resulting from academic oversight of ICM courses and activities;
- 6. Analysis of any concerns expressed by ICM instructors concerning working conditions;
- 7. Analysis of statistical data provided by ICM concerning student diversity, disability accommodation, and student disciplinary actions.

Following each of ICM's three academic terms, the Council shall submit a written report on these and any other matters to the UM Provost and the Principal of ICM. Each December, the Council shall submit a written report covering the previous year's activities to the Chair of the UM Senate.

The Council will determine its own rules of procedure and will meet at least once in each of ICM's academic terms.

The Council shall endeavour to consult with ICM students.

The Council consists of the following members:

- A Chair named by UM
- Three members named by UM
- Three members named by ICM

Approved: 16 October 2008 Amended: 31 October 2011

Appendix B

Definitions Associated with OIA Data Presentation—Tables 2 to 6.

ICM Graduates: Graduates from ICM study who were admitted into degree programs at The University of Manitoba 191 students were admitted for Fall Term 2013, 33 from summer and another 103 were admitted for Winter Term 2014

Domestic Cohort: Canadian and Permanent Residents admitted on the basis of high school to undergraduate programs for Fall Term 2012, and continuing in study for 2013-2014

International Cohort: International students admitted on the basis of high school to undergraduate programs for Fall Term 2012, and continuing in study for 2013-2014

Academic Standing: Students are assessed after a minimum number of credit hours are completed in their degree program. A student's status is determined at the end of term or the end of an academic session depending on faculty/school regulations. Performance levels are also specific to each faculty/school. eg. University 1 assesses students who have completed 24 credit hours or more. A student must achieve a cumulative GPA of 2.0 or greater to be in good standing. Students with GPAs under 2.0 are placed on probation and must achieve a GPA of 2.0 in the next term of registration or be placed on suspension. Achieving a Cumulative GPA of 2.0 or higher would return the student to good standing. Suspension is for one calendar year after which the student can reapply to University 1.

Full-Time: Students are full-time in the majority of direct entry undergraduate programs if they are taking a minimum of 9 credit hours per term.

Part-Time: Students are part-time in the majority of direct entry undergraduate programs if they are taking less than 9 credit hours per term.

Credit Hours Earned: Includes all completed courses (passed or failed). Excludes voluntary withdrawals.

Credit Hours Failed: Includes all courses with a grade of "F".

Credit Hours Passed: Includes all courses successfully passed (with a grade higher than "F").

GPA – Sessional: The Grade Point Average is calculated based on courses completed in the Fall and Winter terms.

GPA – Degree: The Grade Point Average is calculated based on all completed courses applied to the student's degree program. This would include ICM transfer courses in the case of ICM graduates.

GPA – **Term**: The Grade Point Average is calculated based on courses completed in the term.

Appendix C

UNIVERSITY OF MANITOBA International Recruitment Activities September 2013 – August 2014

The University of Manitoba employs a variety of strategies in an effort to recruit international students to the University of Manitoba. The intent of this brief is to provide a brief synopsis of those activities and highlight the collaborative efforts that occur with the International College of Manitoba.

1. In country travel

Throughout the year, members of the International Student Recruitment team travel to a variety of markets to meet with students, parents, government agencies and agents in an effort to promote the University of Manitoba. While travelling we participate in a variety of activities.

Embassy fairs

These events are organized by the Canadian embassy for Canadian institutions in an effort to promote education in Canada. In addition to the education fairs, other events such as school visits and agent networking receptions are frequently organized as part of these trips.

Manitoba government missions

The International Education Branch (IEB) is a division of the provincial government that works to promote educational opportunities in Manitoba. The IEB coordinates three missions per year to priority countries that have been identified by secondary & post-secondary institutions as well as by the provincial government. Similar to Embassy fairs, IEB missions consist of a variety of activities such as school visits, agent receptions and education fairs.

Agent fairs

The University of Manitoba has some very well established recruitment representative/agent relationships in a number of countries. Some of these agents operate their own education fairs; we will participate in some of these events not only to speak directly with students but to further develop good relationships with our agents.

School visits

In addition to visiting schools as part of our group trips, we will frequently organize private visits to select school in various countries that we have developed relationships with.

During the annual planning process, this office meets with the International College of Manitoba to discuss our target markets and our planned travel schedules. We make every effort to travel to common markets together as it is beneficial to both parties to work together and promote all opportunities that exist for students at the University of Manitoba. Table 1 at the end of this document provides an overview of our travel schedule and identifies the instances where the University of Manitoba and the International College of Manitoba travelled together.

2. Publications

The University of Manitoba produces an annual publication known as the International Viewbook; this publication is designed for an international audience and approximately 10,000 copies of this publication are distributed around the world every year. The International Viewbook is available in English, Chinese and Portuguese. ICM has a presence in this publication that promotes ICM as a pathway option for international students

3. Other

The University of Manitoba International Recruitment team and ICM staff meet periodically throughout the year to discuss markets, strategies and share information in an effort to support each other's recruitment objectives.

In addition to the meetings mentioned above, there are a number of occurrences throughout the year where international guests (agents, partners, Navitas officials from around the world) are on campus and both sides ensure we make ourselves available to meet with these guests in an effort to support the partnership between U of M and ICM.

Table 1: Travel schedule

| Country | Date | Travelled with ICM |
|----------------------|-----------------|--------------------|
| United Arab Emirates | October - 2013 | Υ |
| Qatar | October - 2013 | Υ |
| Oman | October - 2013 | Υ |
| Kuwait | October - 2013 | Υ |
| China | October - 2013 | N |
| Vietnam | November - 2013 | Υ |
| Hong Kong | November – 2013 | Υ |
| Kenya | February – 2014 | N |
| Mauritius | February- 2014 | N |
| Zambia | February - 2014 | N |
| Zimbabwe | February – 2014 | Υ |
| Malaysia | January - 2014 | N |
| China | March - 2014 | N |

Appendix D

ICM Course Offerings, September 2014:

| Course | Sections |
|-----------|----------|
| ABIZ 1000 | 1 |
| ANTH 1220 | 3 |
| ARTS 1110 | 1 |
| BIOL 1000 | 1 |
| BIOL 1020 | 1 |
| CHEM 1300 | 2 |
| COMP 1012 | 2 |
| COMP 1260 | 4 |
| ECON 1010 | 6 |
| ECON 1020 | 6 |
| ENG 1430 | 1 |
| ENG 1440 | 1 |
| ENG 1460 | 1 |
| ENGL 1400 | 6 |
| ENVR 1000 | 1 |
| GEOG 1280 | 1 |
| GEOG 1290 | 1 |
| GMGT 2070 | 1 |
| HNSC 1210 | 2 |
| HRIR 2440 | 1 |
| INTB 2200 | 1 |
| MATH 1210 | 1 |
| MATH 1300 | 2 |
| MATH 1500 | 10 |
| MATH 1700 | 2 |
| MKT 2210 | 2 |
| PHIL 1290 | 1 |
| PHYS 1050 | 3 |
| POLS 1010 | 2 |
| POLS 1040 | 2 |
| PSYC 1199 | 2 |
| PSYC 1200 | 1 |
| STAT 1000 | 7 |
| TOTAL | 79 |

Appendix E

ICM Student Numbers by Nationality, August 2014

| Country | N | Country | N |
|---------------|-----|--------------|-----|
| Afghanistan | 1 | Macau | 2 |
| Bangladesh | 38 | Mexico | 4 |
| Bahrain | 1 | Mozambique | 1 |
| Brazil | 1 | Mauritius | 8 |
| Canada | 12 | Malaysia | 2 |
| Switzerland | 1 | Nigeria | 91 |
| China | 233 | Oman | 1 |
| Ecuador | 1 | Pakistan | 138 |
| Egypt | 2 | Peru | 1 |
| Eritrea | 1 | Philippines | 2 |
| Great Britain | 1 | Portugal | 2 |
| Ghana | 2 | Palestine | 3 |
| Gambia | 1 | Russia | 4 |
| Hong Kong | 32 | Rwanda | 5 |
| Indonesia | 4 | Saudi Arabia | 1 |
| India | 49 | Sudan | 1 |
| Iran | 2 | Tunisia | 1 |
| Iraq | 1 | Turkey | 3 |
| Jordan | 6 | Taiwan | 2 |
| Japan | 1 | Tanzania | 22 |
| Kazakhstan | 2 | Uganda | 1 |
| Kenya | 20 | Ukraine | 1 |
| Kyrgyzstan | 1 | Venezuela | 1 |
| Korea | 18 | Vietnam | 32 |
| Lebanon | 1 | Zambia | 11 |
| Sri Lanka | 2 | Zimbabwe | 18 |
| | | TOTAL | 53 |



UNIVERSITY | Office of the Vice-President OF MANITOBA | (Academic) & Provost

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

Date:

November 6, 2014

To:

David Barnard, President and Vice-Chancellor

From:

David Collins, Vice-Provost (Integrated Planning and Academic Programs)

Subject:

Family Social Sciences Graduate Program

Please find attached a recommendation from Dr. John Doering, Vice-Provost (Graduate Education) and Dean (Faculty of Graduate Studies), to formally suspend admissions into the Master of Science in Family Social Sciences (M.Sc. (FSS)).

Following the announcement of the amalgamation of the Department of Family Social Sciences and the Department of Community Health Sciences, discussions commenced about their respective programs. Since both departments offer a Master's program leading to the same degree, i.e., a Master's of Science (M.Sc.), there is redundancy as a result of the amalgamation and the decision has been made to commit their ongoing efforts in support of the Master of Science in Community Health Sciences. Therefore, in accordance with the Enrolment Limitations Policy, I am requesting that you now formally suspend admissions to the M.Sc. (FSS). At a later date, once students currently enrolled in the Family Social Sciences program have completed their studies, a recommendation to close the M.Sc. (FSS) will be forwarded to the Faculty Council of Graduate Studies on Course and Curriculum Changes.

Joanne Keselman, Vice-President (Academic) and Provost
Jay Doering, Vice-Provost (Graduate Education) and Dean, Graduate Studies
Neil Marnoch, Registrar
Jeff Leclerc, University Secretary



500 University Centre Winnipeg, Manitoba Canada R3T 2N2 Telephone: (204) 474-9887

Fax: (204) 474-7553

MEMORANDUM

Date: 5 November 2014

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

xc: Dr. Harvy Frankel, Acting Dean, Human Ecology

From: Dr. John (Jay) Doering, Vice-Provost (Graduate Education)

& Dean (Faculty of Graduate Studies)

Re: Family Social Sciences graduate program

The amalgamation of the graduate programs in the Departments of Family Social Sciences and Community Health Sciences is progressing. The respective graduate chairs, Drs. Eni and Menec, are making good progress on the amalgamation of these graduate programs. Since both departments offer a Master's program leading to the same degree, *i.e.*, a Master's of Science (M.Sc.), there is redundancy as a result of the amalgamation. Therefore, I am requesting that you consider this memo the formal request to suspend admission (as soon as possible) to the M.Sc. program in Family Social Sciences. Thank you.

PRESIDENT'S REPORT: December 5, 2014

GENERAL

The Council of Presidents of Universities of Manitoba (COPUM) has met twice since the role of Chair moved to the University of Manitoba. The group has established four working groups (articulation, Indigenous education, Campus Manitoba and Operational/Administrative) and engaged about recent conversations with the province. The group also met with former NT Premier Stephen Kakwfi and Ovide Mercredi to discuss the Canadians for a New Partnership declaration and opportunities to work together. All six university presidents agreed to sign the declaration.

As part of the U15 Group of Canadian Universities' ongoing international engagement activities, its members recently met in London with their counterparts from the Russell Group of Universities, the United Kingdom's group of research intensive universities. While in London, H.E. Gordon Campbell, High Commissioner for Canada to the UK and the U15-Group of Canadian Research Universities hosted a U15 Alumni Reception in London. I attended to represent the University of Manitoba and over 30 alumni in the London area attended the event as well.

A blessing ceremony took place on November 5 to prepare Chancellor's Hall to become the first home of the National Research Centre for Truth and Reconciliation (NRCTR). The NRCTR also has launched its website and issued a call for applications for its first Director of Research. The University of Manitoba, in partnership with universities and other organizations across Canada, was selected by the Truth and Reconciliation Commission of Canada to safeguard all of the statements, documents, sacred objects and other materials collected over the course of its mandate. In time, the NRCTR will archive other Indigenous collections from across Canada and beyond.

I was recently in Ottawa with Tyler MacAfee, Director, Government and Community Engagement (GCE) for a full day of meetings and networking engagements to discuss Indigenous achievement at the University of Manitoba; the National Research Centre for Truth and Reconciliation (NRC); and the role of the university in driving research, innovation and the economy.

On November 12, the University of Manitoba participated in Open Doors, Open Knowledge, an annual nation-wide event led by the Association of Universities and Colleges of Canada (AUCC). This year, the University hosted an open house at the Richardson Centre for Functional Foods and Neutraceuticals, followed by a keynote speech from Paul Soubry, President and CEO of New Flyer Industries and a subsequent panel discussion between University researchers and industry leaders about partnership between the two sectors.

The University of Manitoba community has been advised of the need for fiscal restraint heading into the 2015/16 budget year and beyond, with an estimated reduction of approximately 4% needed for 2015/16. Spending decisions will be made carefully, with the intent of avoiding across the board cuts and preserving the fabric of the University. A dedicated website has been established at http://umanitoba.ca/admin/budget_2015-16/message.html that will be updated on an ongoing basis and will provide a comprehensive source of information regarding the budget process.

ACADEMIC MATTERS

- Peter Jones, agricultural and food sciences, has been appointed as a member of the Advisory Board of the Canadian Institutes for Health Research Institute for Nutrition, Diabetes and Metabolism.
- Eduardo Aquino, architecture, received a National Design Award from the Royal Architecture
 Institute of Canada in June for the project Jiggew [By the Water], realized in collaboration with
 Ojibway artist Pat Ningewance and Brook McIlroy Architects, part of the Thunder Bay Waterfront
 development.
- Royce Koop, political studies, was awarded the 2014 Seymour Martin Lipset Best Book Award for his
 work, Grassroots Liberals: Organizing for Local and National Politics. This is an annual award given
 out by the American Political Science Association that recognizes the book that the jury feels most
 contributes to contemporary scholarship on Canadian politics. The award is named for Seymour
 Martin Lipset, a noted political scientist and scholar of political sociology, comparative politics, and
 democracy.
- Gerry Friesen, professor emeritus, history, will be awarded the J.B. Tyrell Historical Medal by the Royal Society of Canada. The Tyrell Medal is awarded every two years for outstanding work in the history of Canada.
- Fraser Linklater, music, was awarded the 2014 National Band Award of the Canadian Band
 Association. This award recognizes individuals who have contributed to the promotion, growth, and
 development of the musical, educational, and cultural values of band throughout Canada. The
 Canadian Band Association is a national organization representing and supporting school, university,
 military and community bands, band directors, students, parents, administrators, the music
 industry, composers, arrangers and all those interested in bands and band music across Canada.
- Gordon Goldborough, biological sciences, has been appointed Chair of the Manitoba Water Council
 by the Lieutenant Governor in Council for a three-year term. The Manitoba Water Council reports
 to the Minister of Conservation and Water Stewardship on various water management issues.
- Canadian Business ranked the I.H. Asper School's MBA program as 9th in amongst Canada's top ten programs. This distinction raises the local, national and international brand, profile and perception of not only the Asper MBA program, but the Asper School of Business and the University of Manitoba.
- Chantel Helwer, law student and navy reservist, received the Canadian Navy's female athlete of the year and Canadian Forces female athlete of the year at a recent ceremony in Ottawa. In addition, Chantel has qualified to represent Canada at the 2014 Commonwealth Fencing Championships in Scotland as the 2014 Manitoba provincial champion.
- Sarah Kirsch, music student (2012) and soprano, won first prize in the E-Gré National Music Competition which includes a cash award and a national concert tour.

- The last year has seen a number of substantial developments in the College of Medicine's Brandon satellite program. The first trainee has completed their family medicine residency training with the majority of their training completed through this satellite program. Four new residents per year will be trained through the program.
- The College of Medicine's Manitoba Office of Rural & Northern Health initiated a new program called "Home for the Summer". This program provides medical students with exposure to a rural family practice setting and will help to support the goal to increase the number of practicing family physicians in rural Manitoba.
- College of Pharmacy students, once again, ranked 1st in Canada on the Pharmacy Examining Board of Canada's (PEBC) standardized qualifying examinations with 100% of the students passing. The Objective Structured Clinical Examination (OSCE) portion of the exam saw the pharmacy students ranked 3rd in Canada. For overall certification, 96% of our students were certified, placing us 2nd place overall compared to 96.3% for the top program.
- National Aboriginal Day events were celebrated at the Bannatyne Campus, which included the sharing of dance and music from First Nations, Métis and Inuit communities, a feast to commemorate the day, and the groundbreaking for the Traditional Healing Garden. Phase 1 in the development of the Garden has been completed, and the first harvest of traditional medicines by the Elder-in-Residence Margaret Lavallee was conducted this fall.

RESEARCH MATTERS

Two esteemed engineering faculty members of the University of Manitoba were elected new
Fellows of the Canadian Academy of Engineering (CAE) in 2014: Dean of Engineering Jonathan
Beddoes and Professor Douglas A. Buchanan. Fellows are nominated and elected by their peers for
their distinguished achievements and career-long service to the engineering profession. With the
induction of these two professors, the University now has 10 CAE Fellows.

Beddoes has a career that spans manufacturing, research in industrial and government laboratories, as well as extensive experience in academia. He has led research on intermetallics and superalloys for elevated temperature gas turbine applications and aluminum alloys.

Buchanan is a professor in the Department of Electrical and Computer Engineering and held a Canada Research Chair in Microelectronic Materials for 10 years. He is a Senior-Member of the IEEE, a member of the American Institute of Physics, and is recognized world-wide for his work on modern silicon chip technology.

• The Canadian Academy of Health Sciences inducted three University of Manitoba professors in 2014: Dr. Cheryl Rockman Greenberg (Pediatrics & Child Health/Winnipeg Regional Health Authority), Distinguished Professor Dr. Patricia Martens (Community Health Sciences/Manitoba Centre for Health Policy), and Dr. Pawan Singal (Physiology/Institute of Cardiovascular Sciences, St-Boniface Hospital Research). Fellows are chosen by their peers based on their demonstrated leadership, creativity, distinctive competencies and commitment to advancing academic health sciences. With the induction of these three professors, the University now has 25 CAHS Fellows.

Rockman-Greenberg is an internationally known researcher who has identified the molecular source of some of Manitoba's most devastating inherited diseases, including those prevalent among individuals of Aboriginal, Mennonite and Hutterite heritage.

Martens is a pioneer in the field of population health whose work on health status and healthcare use in Manitoba's rural, northern, and Aboriginal residents; mental health; and child health services has had a significant impact on the health and well-being of communities in the province and beyond.

Singal is known worldwide for his work on oxidative stress (when oxygen is improperly handled within a cell) and heart failure. He researches why after a heart attack many patients subsequently go into heart failure. His pioneering studies have furthered understanding on how various antioxidants have the potential to prevent or treat the damage associated with the oxidative stress and the toxins created.

• The University of Manitoba is honoured to host Dr. David F. Goldsmith, an occupational and environmental epidemiologist, as an American Fulbright Scholar during the fall 2014 academic term. As a Fulbright Scholar, Goldsmith is recognized as an established researcher who has been awarded the Fulbright Visiting Research Chair in Science, Technology, Engineering or Math at University of Manitoba, and will be focusing on environmental epidemiology and First Nation's health links while in Winnipeg.

During his semester here he will be collaborating with the Manitoba First Nations Centre for Aboriginal Health Research and the Department of Community Health Sciences colleagues examining the impact of development and environmental changes on the health of First Nations and Métis peoples. Goldsmith comes from Georgetown and George Washington Universities in Washington DC. Fulbright Scholars are chosen based on excellence in scholarship, diversity, and community service. The program, which is renowned for being the largest and most prestigious academic exchange program in the world, aims to enhance binational collaborative research and encourage discussion on issues relevant to both countries involved.

- Dr. Annette Schultz (Nursing; Psychosocial Oncology and Cancer Nursing Research, St-Boniface Hospital Research Centre), in collaboration with Karen Throndson (Health Sciences Centre), a team of eight researchers, and several First Nations and healthcare community collaborators have received \$709,987 in funding from the Canadian Institute of Health Research Aboriginal Peoples' Health Institute, to further their research on First Nation Peoples heart health. The grant is entitled "Diversifying our Ways of Understanding Heart Health among First Nations Peoples in Manitoba: A Mixed Methods Study Governed by a Two-Eyed Seeing Approach" will be commonly known as: "Debwewin: The Sound of Our Hearts." A two-eyed seeing approach guides researchers to draw on the strengths of both Indigenous and Western knowledge to benefit everyone.
- On Sept. 16, 2014 the Government of Canada awarded a new Canada Research Chair in Efficient
 Utilization of Electric Power to Dr. Carl Ho (Electrical and Computer Engineering). Ho will receive
 \$500,000 in funding for this Tier 2 CRC over the next five years. He comes to Canada from
 Switzerland, where he established a strong industrial research program and demonstrated his
 ingenuity in developing novel grid-connected converters for renewable energy sources. His research

has been widely adopted and used in products such as solar inverters, uninterrupted power supplies and power electronic dimmers that have been sold worldwide. Ho's funding will support the establishment of a modern high power grid-connected converter laboratory. There are currently 43 CRCs at the University of Manitoba.

- The University of Manitoba Café Scientifique season began this fall with two sessions about important health prevention strategies: children's injuries and kidney disease. The Café Scientifiques are hosted and organized by the Office of the Vice-President (Research and International). The remaining Cafés take place at McNally Robinson Booksellers on November 24 (Graduate Students presenting on Endocrine Disorders: Overeating, Obesity and Diabetes); January 14 (Sitting is the New Smoking); and March 18 (Concussion Prevention). For detailed information on each Café visit umanitoba.ca/cafescientifique.
- The annual Undergraduate Research Poster Competition took place on October 30 with more than 75 undergrad students exhibiting and presenting their research posters. Many of the students were recipients of Undergraduate Research Awards, and the posters they were presenting were the result of research they had conducted with their advisors at the U of M over the past summer. For most of the undergraduate participants the event is their first chance to present the findings of their research projects. In addition to the high quality of posters on display, one of the striking things about the event is the breadth and variety of research. There are posters entered in five categories: applied sciences, creative works, health sciences, natural sciences, and social sciences/humanities. Details on the fourteen winners can be found at umanitoba.ca/postercompetition.
- Five international partnership agreements were recently signed. They are:

| Country | Partner Institution | Agreement Type | Initiating Faculty |
|----------|---------------------------|--------------------------|-----------------------------|
| Brazil | Universidade de | Memorandum of | Extended Education |
| | Pernambuco | Understanding | |
| China | Fuzhou University | Memorandum of | Engineering |
| | | Understanding | |
| China | China Scholarship Council | Graduate Education | Graduate Studies |
| China | Ningbo University | Program Service Provider | IH Asper School of Business |
| Pakistan | World Vision, Pakistan | Memorandum of | College of Medicine |
| | | Understanding | |

• Thirty-four projects received \$819,561 in funding from various sources. Those projects over \$25,000 are as follows:

| PI | Sponsor | Title | Awarded |
|-----------------------|------------------|---------------------------------|-----------|
| Deer, Frank | SSHRC | First Nations languages: A | \$34,170 |
| (Curriculum, Teaching | | comparative study in culturally | |
| and Learning) | | relevant sustainability | |
| Durrant, Joan (Family | Grand Challenges | Preventing physical punishment | \$112,000 |
| Social Sciences) | Canada | of children: A community-based | |
| | | program to reduce adverse | |
| | | health outcomes | |

| Eaton, John (E.K. Williams Law Library) | Manitoba Law Foundation | E.K. Williams Law Library grant 2014/15 no. 13.09 | \$82,000 |
|--|----------------------------|--|-----------|
| Sherif, Sherif (Electrical and Computer Engineering) | Mitacs Inc. | Development of spectroscopic imaging technology for grain inspection | \$47,500 |
| Suh, Miyoung (Human Nutritional Sciences) | Province of Manitoba | Pilot study for food and nutrition intake trend in the First Nation's communities: Implication for fetal alcohol spectrum disorder | \$102,000 |
| Sorensen, John (Chemistry) | Mitacs Inc. | Next generation fuels and fuel additives | \$40,000 |

ADMINISTRATIVE MATTERS

- On September 16th the Office of Sustainability in partnership with Faculty of Kinesiology and
 Recreation Management launched a **shower-only gym membership** pilot project. Active commuters
 who are not gym members can now access a shower in Max Bell Centre (\$2/day, or \$10/month)
 after running, walking or cycling to the University. This opportunity makes use of existing
 infrastructure and delivers enhanced amenity for staff and students.
- Truth and Reconciliation Commission of Canada data store successfully relocated to the University's data centre. Currently it is operating in complete isolation until proper access protocols and procedures are determined. Enhancements to the security camera system in the data centre will ensure continuous monitoring of this area.
- Windows XP Retirement Project is complete with over 3,000 computers dealt with.

EXTERNAL MATTERS

- For the period of April 1, 2014 to October 30, 2014, the University has raised \$12,468,162.98 for the 2014/2015 fiscal year.
- Significant gifts and activities in the last reporting period include:
 - Dr. George Yee has made a commitment of \$500,000 to the Anatomy Laboratory in the College of Medicine, Faculty of Health Sciences.
 - Pauline and Roger Presland have made an additional commitment to the Aboriginal Business Education Program scholarships and bursaries. In total, they have committed \$400,000 this year.
 - o Gail Asper has made a gift of \$2,000,000 to the Taché Arts Project.
 - o The Toronto-Dominion Bank has committed \$1,000,000 to establish the TD Internships for Truth and Reconciliation.

- Updates on the Southwood Project (Visionary (re)Generation) were presented to the
 Interdepartmental Planning Board (IPB). The IPB meeting was attended by several Deputy Ministers
 from the Government of Manitoba. The updates were presented by Andrew Konowalchuk,
 Associate VP (Administration) and Rejeanne Dupuis, Acting Director, Campus Planning with support
 from Tyler MacAfee, Director, Government and Community Engagement.
- The new community engagement website was launched (www.umanitoba.ca/community). The website showcases the impact of the community engagement work carried out by University of Manitoba faculty and staff both here at home and around the world. It features stories about faculty and staff who are collaborating with the community and making a real difference in people's lives, from improving health care in India to discovering new ways to connect with vulnerable youth in Winnipeg. The site includes an engagement map depicting the locales around the world where university faculty and staff are engaged.
- The Distinguished Alumni Award nominations have now opened and we encourage everyone to
 consider nominating an individual they feel is an outstanding alum. The five award categories are
 Lifetime Achievement, Professional Achievement, Community Service, Services to the University of
 Manitoba, and Outstanding Young Alumni. Nominations will close on November 18th, and The
 Distinguished Alumni Awards Celebration of Excellence will be held on May 12th, 2015 at the
 Winnipeg Art Gallery.
- The University of Manitoba will be hosting an Alumni Reception in Hong Kong on Tuesday, December 2nd. President David Barnard and John Kearsey, Vice-President (External) will be in attendance.
- In mid-October the Marketing Communications Office launched a third iteration of the Trailblazer campaign. This new phase features the inspirational stories and impact of our outstanding alumni including Andriana Chuchman, Sasa Radulovic, Jennifer Jones, Dr. Tito Daodu, Robert Houle and Gerald Schwartz.

The campaign is running nationally in the Vancouver, Calgary, Ottawa, and Toronto airports, in print magazine ads in the Globe and Mail's Canadian University Report and Report on Business and in Air Canada's EnRoute Magazine. Print ads are also running in major daily newspapers including the Globe and Mail, Ottawa Citizen, Vancouver Sun and Calgary Herald. Additionally, online ads are running on CBC, Rogers and LinkedIn online networks.

Locally, the campaign can be seen in our airport, in outdoor billboards throughout the city, on Cineplex lobby screens and in the Cineplex Magazine.

A complementary social media campaign called #tagatrailblazer has been developed. It encourages
our social media community to nominate individuals they feel are trailblazers, tag them via twitter
and Instagram, and challenge them to pass it on. Stats as of last Thursday had us reaching over
40,000 twitter accounts and around 250,000 Impressions.

Report of the Senate Executive Committee

Preamble

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

Observations

1. Speaker for the Executive Committee of Senate

Professor Tina Chen will be the Speaker for the Executive Committee for the December meeting of Senate.

2. Comments of the Executive Committee of Senate

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

Respectfully submitted,

Dr. Joanne Keselman, Acting Chair Senate Executive Committee Terms of Reference: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/477.htm Report of the Senate Committee on Instruction and Evaluation RE: Revised Regulations concerning Dean's Honour Roll, Diploma in Agriculture

Preamble:

- The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found on the web at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/502.htm
- 2. At its meeting on October 28, 2014, the Committee considered a proposal from the Faculty of Agricultural and Food Sciences to revise its regulations regarding the Dean's Honour Roll for the Diploma in Agriculture.

Observations:

- 1. The existing regulations concerning the Dean's Honour Roll, for the Diploma in Agriculture, which specify that a student must be registered in at least 36 credit hours and must obtain a minimum sessional grade point average of 3.50 to be named to the Dean's Honour Roll, preclude academically strong students who, in their graduating year, require fewer than 36 credit hours to complete the Diploma, from being considered for this recognition of academic achievement.
- 2. The Faculty of Agricultural and Food Sciences is proposing a number of changes to the regulations. First, students would be assessed twice a year, including at the end of each of the Fall and Winter terms. Also, in order to be considered, students would be required to have completed at least 18 credit hours in either the Fall or Winter term, with a minimum Term Grade Point Average of 3.50. Finally, graduating students who had achieved the required Term Grade Point Average in their final term would be eligible to remain on the Dean's Honour Roll, even where the student had not completed 18 credit hours of course work.

Recommendation:

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve the Report of the Senate Committee on Instruction and Evaluation concerning revised regulations for the Dean's Honour Roll, for the Diploma in Agriculture, Faculty of Agricultural and Food Sciences, effective September 1, 2015.

Respectfully submitted,

Dr. Janice Ristock, Chair Senate Committee on Instruction and Evaluation <u>Comments of the Senate Executive Committee</u>: The Senate Executive Committee endorses the report to Senate.



MEMORANDUM

Faculty of Agricultural and Food Sciences 256 Agriculture Building, University of Manitoba Winnipeg, MB Canada R3T 2N2



14 October 2014

TO:

Dr. Janice Ristock, Chair, Senate Committee on Instruction and

Evaluation

FROM:

Dr. Jared Carlberg, Acting Associate Dean (Academic), Fagulty

Agricultural and Food Sciences

SUBJECT: Revision of the Diploma in Agriculture Dean's Honour Roll

On September 11, 2014 the Faculty of Agricultural and Food Sciences' Faculty Council voted to approve a recommendation from its Curriculum Committee regarding modification of the Dean's Honour Roll in our Diploma in Agriculture program. Currently, students are assessed for the Diploma in Agriculture Dean's Honour Roll once per year after the Winter term. The regulations currently state "Students registered in at least 36 credit hours and who obtain a sessional GPA of 3.50 or higher will be placed on the Dean's Honour Roll." In the past, some students who qualified to graduate With Distinction were not eligible to qualify for the Dean's Honour Roll. This is because they needed fewer credit hours to complete their Diploma than the minimum required credit hours needed to qualify for the Dean's Honour Roll.

The proposed changes include 1) assessing students for the Dean's Honour Roll twice a year for both Fall and Winter term, and 2) allowing qualified graduating students who achieved the required minimum Term GPA to remain on the Dean's Honour Roll despite not necessarily having the appropriate credit hours. This proposed change will also allow students graduating in February the opportunity to be on the Dean's Honour Roll for their final term.

Proposed new regulations:

Students who have completed a minimum of 18 credit hours of study in either the Fall or Winter term and who have achieved a Term GPA of 3.5 or higher will be placed on the Dean's Honour Roll. Graduating students who achieved Dean's Honour Roll status in their final term with a Term GPA of 3.5 or greater, will be eligible to remain on the Dean's Honour Roll.

Copy: Michele Rogalsky, Director, School of Agriculture

Report of the Senate Committee on Curriculum and Course Changes, Part B - Submitted to Senate for Ordinary Debate

Preamble:

- The terms of reference for the Senate Committee on Curriculum and Course Changes (SCCCC) are found on the website at: http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/497.htm. SCCCC is "to recommend to Senate on the introduction, modification or abolition of undergraduate programs, curricula or courses".
- 2. This part of the report contains observations and recommendations on course change proposals for units where the net increase is more than nine credit hours. The Senate Planning and Priorities Committee also considered the proposal from the Department of Civil Engineering, Faculty of Engineering.

Observations

- 1. The Department of Civil Engineering is proposing the introduction of three courses totaling twelve (12) credit hours: CIVL 4022 Properties and Design of Concrete Mixtures (4), CIVL 4130 Solid Waste Management (4), and CIVL 4300 Design of Urban Water Systems (4).
- 2. The proposed courses would address a need in industry for graduates to be trained in these areas.
- 3. The Department is also proposing modifications to the Bachelor of Science in Engineering (Civil), to require that students complete five technical electives rather than three. Space would be made in the curriculum for additional technical electives by removing two required courses, CIVL 4250 Groundwater Hydrology (4) and CIVL 3710 Finite Element Analysis (4), from the core curriculum. CIVL 4250 and CIVL 3710 would continue to be available as technical electives.
- 4. The increased number of technical electives would give students additional latitude to adapt their program of study to their particular interests in Engineering.

Recommendation

The Senate Committee on Curriculum and Course Changes recommends:

THAT Senate approve curriculum and course changes proposed by the Department of Civil Engineering, Faculty of Engineering.

Respectfully submitted,

Professor G. Smith, Acting Chair Senate Committee on Curriculum and Course Changes <u>Comments of the Senate Executive Committee</u>: The Senate Executive Committee endorses the report to Senate.

Report of the Senate Planning and Priorities Committee RE: Course Changes Beyond Nine Credit Hours, Department of Civil Engineering

Preamble:

- 1. The Senate Planning and Priorities Committee (SPPC) has the responsibility to report to Senate on curriculum changes with significant resource implications, including additions to departmental curricula of more than nine (9) credit hours.
- 2. At its meeting on September 29, 2014 the Committee considered a proposal from the Department of Civil Engineering, Faculty of Engineering to introduce a net increase of twelve (12) credit hours to its curriculum.

Observations:

- 1. The Department of Civil Engineering is proposing to introduce three technical electives to the curriculum of the Bachelor of Science in Engineering (Civil), CIVL 4022 Properties and Design of Concrete Materials (4), CIVL 4130 Solid Waste Management (4), and CIVL 4300 Design of Urban Water Systems (4).
- 2. The proposed courses would be used in a modified curriculum for the B.Sc. in Engineering (Civil), which would require that students complete five technical electives rather than three. Space would be made in the curriculum for additional technical electives by removing two required courses, CIVL 4250 Groundwater Hydrology (4) and CIVL 3710 Finite Element Analysis (4), from the core curriculum. CIVL 4250 and CIVL 3710 would continue to be available as technical electives.
- The objective of increasing the number of technical electives is to increase flexibility for students to select courses that match their interests and career goals in engineering. The proposed courses also respond to requests from industry partners for particular courses.
- 4. Ultimately, no additional teaching resources would be required to deliver the courses, as existing teaching staff would teach the courses. As the Department transitions from the current to the modified curriculum, though, additional resources might be required for one year to offer up to two additional course sections to accommodate students.
- 5. The Library has indicated that the current collections can support the proposed course introductions.

Recommendation:

The Senate Planning and Priorities Committee recommends:

THAT Senate approve the Report of the Senate Planning and Priorities Committee concerning course changes beyond nine credit hours, Department of Civil Engineering, effective September 1, 2015.

Respectfully submitted, Ms. Ada Ducas, Chair Senate Planning and Priorities Committee

Civil Engineering

Introductions:

CIVL 4022 Properties and Design of Concrete Mixtures Cr.Hrs. 4 +4.0 Constituent materials (cement, admixtures, etc.) of concrete; performance-based design and control of concrete mixtures; fresh, hardened and durability properties of concrete. Prerequisite: CIVL 2770. Pre- or Corequisite: CIVL 3770.

CIVL 4130 Solid Waste Management Cr.Hrs. 4

+4.0

Engineering principles and the practice of integrated management of solid wastes, including characteristics, sorting, utilization and final disposal in landfill. Principles of leachate and hazardous waste management and disposal. Pre- or Corequisite: CIVL 3700.

CIVL 4300 Design of Urban Water Systems Cr.Hrs. 4 +4.0 Water supply and the design of water distribution systems. Urban hydrology and design of wastewater and stormwater collection systems. Manitoba specific applications will be discussed. Prerequisite: CIVL 3750. Pre- Corequisite: CIVL 3740.

NET CHANGE IN CREDIT HOURS: +12.0

Program modification:

Modifications to the Bachelor of Science in Engineering (Civil) are outlined on the pages that follow.

Civil Engineering Core Courses

All courses forming the Preliminary Engineering Program, plus:

| CHEM 1310 | Introduction to Physical Chemistry | 3 |
|-------------------|---|---|
| ENG 2010 | Technical Communications | 3 |
| GEOL 2250 | Geology for Engineers | 4 |
| MATH 2130 | Engineering Mathematical Analysis | 3 |
| MATH 2132 | Engineering Mathematical Analysis 2 | 3 |
| STAT 2220 | Introduction to Probability and Statistics | 3 |
| CIVL 2770 | Civil Engineering Materials | 5 |
| CIVL 2780 | Civil Engineering Systems | 2 |
| CIVL 2790 | Fluid Mechanics | 2 |
| CIVL 2800 | Solid Mechanics 1 | 4 |
| CIVL 2830 | Graphics for Civil Engineers | 2 |
| CIVL 2840 | Civil Engineering Geomatics | 3 |
| CIVL 3590 | Numerical Methods for Engineers | 2 |
| CIVL 3690 | Environmental Engineering Analysis | 4 |
| CIVL 3700 | Environmental Engineering Design | 4 |
| CIVL 3710 | Finite Element Analysis | 4 |
| CIVL 3730 | Geotechnical Materials and Analysis | 4 |
| CIVL 3740 | Hydraulics | 4 |
| CIVL 3750 | Hydrology | ۷ |
| CIVL 3760 | Structural Analysis | ۷ |
| CIVL 3770 | Structural Design 1 | 4 |
| CIVL 3790 | Transportation Engineering | 4 |
| CIVL 4050 | Engineering Economics | 3 |
| CIVL 4220 | Geotechnical Design | 4 |
| CIVL 4250 | Groundwater Hydrology | 4 |
| CIVL 4380 | Infrastructure Engineering and Construction Management | 4 |
| CIVL 4390 | Structural Design 2 | 4 |
| CIVL 4400 | Transportation Engineering 2 | 4 |
| CIVL 4460 | Technology, Society and the Future | 3 |
| CIVL 4590 | Design Project | 6 |
| | rs of complementary studies. (PHIL 2750 required for Environmental Option.) | |
| Plus 3 5 Technica | Il Electives from the approved list. | |

CIVL 3710 and CIVL 4250 to be removed from the core program and offered as technical electives.

Civil Engineering

TECHNICAL ELECTIVES

Students are required to take 5 technical electives.

A minimum of three courses must be from Group A and up to two courses from group B, with no more than one course from outside the Dept of Civil Engineering.

Civil Engineering Program

| Group A | | Prerequisites |
|-------------|---|---|
| CIVL 3710 | Finite Element Analysis | 4 CIVL 3590 |
| CIVL 4020 | Masonry Design | 4 CIVL 3760 |
| CIVL 4022 * | Properties and Design of Concrete Materials | 4 CIVL 2770 p or c CIVL 3770 |
| CIVL 4030 | Structural Design 3 | 4 CIVL 2770,2800,3760,3770 4390 |
| CIVL 4040 | Structural Dynamics | 4 CIVL 3760 |
| CIVL 4120 | Water Treatment Plant Design | 4 CIVL 3690 |
| CIVL 4130 * | Solid Waste Management | 4 CIVL 3690 p or c CIVL 3700 |
| CIVL 4180 | Environmental Systems | 4 CIVL 2780,3690, 3750 |
| CIVL 4200 | Groundwater Contamination | 4 CIVL 4250, GEOL 2250 |
| CIVL 4230 | Geotechnical Engineering | 4 CIVL 3730 |
| CIVL 4250 | Groundwater Hydrology | GEOL 2250, CIVL 2790, MATH 2130, MATH 2132 |
| CIVL 4300 * | Urban Water Systems | 4 CIVL 3750 p or c CIVL 3740 |
| CIVL 4350 | Hazardous Waste | 4 CIVL 3690 |
| CIVL 4410 | Transportation Systems | 4 CIVL 3790 |
| CIVL 4420 | Highway Pavement Design | 4 CIVL 2770, 3790 |
| CIVL 4470 | Watershed Processes | 4 CIVL 3750 p or c CIVL 3740 |
| CIVL 4100 | Engineering Management & Environment | 4 p or c CIVL 3700 - Can not be held with BIOE 4480 |
| | | |
| Group B | | |
| CIVL 4330 | Graduation Project | 4 ENG 2010 and 120 credit hours |
| BIOE 4480 | Environmental Impact | 4 Biosystems dept. approval - Can not be held with CIVL 410 |
| BIOE 4560 | Structure Design in Wood | 4 CIVL 3770 |
| | | |

^{*} Pending ARCC and Senate Approval

Secretary's note: Courses that are highlighted are to be added to the list of technical electives.

Civil Engineering TECHNICAL ELECTIVES

Students are required to take 5 technical electives.

A minimum of three courses must be from Group A and up to two courses from group B, with no more than one course from outside the Dept of Civil Engineering.

Environmental Option Program

| GROUP A | | Prerequisites |
|-------------|--------------------------------------|--|
| CIVL 3710 | Finite Element Analysis | 4 CIVL 3590 |
| CIVL 4120 | Water Treatment Plant Design | 4 CIVL 3690 |
| CIVL 4130 * | Solid Waste Management | 4 CIVL 3690 p or c CIVL 3700 |
| CIVL 4180 | Environmental Systems | 4 CIVL 2780,3690, 3750 |
| CIVL 4200 | Groundwater Contamination | 4 CIVL 4250, GEOL 2250 |
| CIVL 4250) | Groundwater Hydrology | GEOL 2250, CIVL 2790, MATH 2130, MATH 2132 |
| CIVL 4300 * | Urban Water Systems | 4 CIVL 3750 p or c CIVL 3740 |
| CIVL 4350 | Hazardous Waste | 4 CIVL 3690 |
| CIVL 4470 | Watershed Processes | 4 CIVL 3750 p or c CIVL 3740 |
| CIVL 4100 | Engineering Management & Environment | 4 p or c CIVL 3700 - Can not be held with BIOE 4480 |
| | | |
| GROUP B | | |
| CIVL 4330 | Graduation Project | 4 ENG 2010 and 120 credit hours |
| BIOE 4480 | Environmental Impact | 4 Biosystems dept. approval - Can not be held with CIVL 4100 |
| SOIL 4500 | Remediation of Contaminated Land | 3 Instructor consent |
| | | |

^{*} Pending ARCC and Senate Approval

Secretary's note: Courses that are highlighted are to be added to the list of technical electives.

Preamble:

- The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
- 2. The Faculty Council of Graduate Studies met on October 20, 2014 to consider a proposal from the Dept. of Anthropology (Faculty of Arts).

Observations:

1. The <u>Dept. of Anthropology</u> proposes a zero credit hour Professional Development course and the reduction of credit hours at the M.A. level from 18 to 12 credit hours and in the Ph.D. from 12 to 9 credit hours (beyond a Master's). Note that only the Ph.D. reduction falls below the FGS minimum.

Rationale for Course Introduction:

- Since 2009 the department has operated a Graduate Student Professional
 Development Series at the initiative of the student association (UMASA). This series
 has proven very successful both in terms of student and faculty involvement and
 positive student response. The department thus wishes to formalize and expand the
 initiative for all incoming graduate students
- Graduate students in Anthropology pursue employment within and outside of academia after completing their programs but lack a structured format for obtaining and/or refining the skills required for this transition
- Professional practice in Anthropology requires training and engagement specific to the
 discipline that cannot be met solely through existing graduate level courses or
 attendance at existing workshops at the U of M. The department's aim is to ensure its
 graduate students are prepared to be professional citizens of the discipline of
 Anthropology by developing their skills and abilities to learn, teach, and work together
 within and outside academia
- The periodic graduate program review in Anthropology (2012) recognized that the
 department's graduate students lack a structure at the departmental level to develop
 their thesis proposals. In this course, student will have the opportunity to develop their
 proposals in the process of meeting the course objectives.
- The review also observed the lack of opportunity to develop a sense of cohort among students. This was a major impetus for the design of this course, and the department believes it will act as a cohort building mechanism as graduate student participate in group meetings with the instructor, participate in workshops and colloquia, and participate in community engagement and outreach initiatives of the University and the Dept. of Anthropology.

Course Introduction

ANTH 7000 Professional Development in Anthropology

0

The course is designed for graduate students to develop the professional skills needed to pursue careers in anthropological research, teaching, and practice. The course prepares students for academic and applied careers through regular group meetings, participation in workshops, and departmental community outreach initiatives. This course is graded pass/fail.

NET CREDIT HOUR CHANGE

0

Credit Hour Reductions and Rationale:

| Current | Proposed |
|-----------------------------------|--|
| <u>M.A.</u> | M.A. (does not undermine FGS minimum) |
| 18 CHs beyond B.A. | 12 CHs (of this, 9 CHs in Anthropology) |
| (of this, 15 CHs in Anthropology) | Plus ANTH 7000 Professional Development in Anthropology (0) |
| <u>Ph.D.*</u> | <u>Ph.D.*</u> |
| 18 CHs beyond M.A. | 9 CHs (of this, 6 CHs in Anthropology) |
| (of this, 15 CHs in Anthropology) | Plus ANTH 7000 Professional Development in Anthropology (0) (if not already taken at the M.A. level) |

^{*}Note: The Department of Anthropology does not permit direct entry to the Ph.D. from the Bachelor's degree.

REQUIRED NUMBER OF COURSES AND CREDIT HOURS OF COURSEWORK IN U15 M.A. PROGRAMS

| University | Required No. of Courses | Total Credit Hours | Comment | |
|-----------------------|-------------------------|-----------------------|---------|--|
| University of Alberta | 6 | 18 | | |

| University of British Columbia | 7 | 18 | 6 CR for MA Thesis not included in this assessment |
|---|---|----|--|
| University of Calgary* | 5 | 15 | |
| Dalhousie University | 4 | 3 | 2 CR Thesis credit not included in this assessment |
| Université Laval | 5 | 15 | |
| McGill University | 4 | 12 | |
| McMaster University | 6 | | Only number of courses required. No data on Credit Hours. |
| University of Ottawa | 4 | 12 | Data for MA with thesis option only (equivalent to current program |
| University of Saskatchewan | 4 | 12 | program |
| University of Toronto | 4 | 12 | |
| University of Toronto MSc | 5 | 15 | |
| University of Waterloo | 4 | 12 | |
| Western University | 6 | 18 | |
| Mean | 5 | 13 | |
| University of Manitoba (Current Program) | 6 | 18 | |
| University of Manitoba (Proposed Changes) | 5 | 12 | Includes non-credit Professional Development seminar [§] |

REQUIRED NUMBER OF COURSES AND CREDIT HOURS OF COURSEWORK IN U15 Ph.D. PROGRAMS

| University | No. of Courses | Total Credit Hours | Comment | |
|---|-------------------|-----------------------|---|--|
| University of Alberta | 6 | 12 | Required Professional Development seminars | |
| University of British Columbia | 4 | 18 | Equivalent required courses taken elsewhere can be waived (6 CR). If so, total required is 12 CR. 6 CR for PhD Thesis not included in this assessment | |
| University of Calgary* | 5 | 15 | morados in tino accessment | |
| Dalhousie University | 6 | 3 | | |
| Université Laval | 4 | 12 | Thesis proposal (Project de thése) is 6 CR and not included in coursework | |
| McGill University | 3 | 9 | No coursework, three Ph.D. tutorials are included here. Ph.D. preliminary examination (i.e., Thesis proposal) excluded | |
| McMaster University | 4 | | Only number of courses required. No data on Credit Hours. Equivalent entry from MA or MSc program only included. Required to complete workshops. | |
| Université de Montréal | 2 | 6 | complete workshops. | |
| University of Toronto | 4 | 12 | Equivalent entry from MA or MSc program only included | |
| University of Waterloo | 4 | 2 | MA in Public Issues Anthropology only offered | |
| Western University | 5 | 21 | Non-credit Research Seminar | |
| Mean | 4 | 11 | | |
| University of Manitoba (Current Program) | 6 | 18 | | |
| University of Manitoba (Proposed Changes) | 4 | 9 | Includes non-credit Professional Development seminar§ | |

Notes for Both Tables

^{*} Based upon Department of Archaeology. Anthropology and Archaeology merged in 2014 and Anthropology requirements are not yet posted.

[§] The proposed non-credit ANTH 7000 Professional Development in Anthropology seminar is modelled on a 3 CR course but extends over both fall and winter terms. This effectively adds an equivalent of 3 CR to our required coursework credit hour totals.

CONCLUSIONS

Based upon this comparison the Department of Anthropology proposes to offer <u>the same mean number of courses</u> as other U15 universities. In offering the proposed non-credit ANTH 7000 Professional Development in Anthropology course, the department structures the requirements differently.

The department's proposed Credit Hour requirements for the MA program are on par with other U15 MA programs. However, the department *further* proposes the only M.A. program in Canada to offer a professional development seminar. This recognises the M.A. as the terminal degree for many students in Anthropology.

For the PhD program, the department requires 9 CR of credited coursework and a non-credit Professional Development in Anthropology seminar (ANTH 7000). Because the seminar is non-credit, the department's proposed PhD coursework Credit Hour requirements are lower than the mean for other U15 PhD programs (9 as opposed to 12 CR). However, several of the eleven U15 PhD programs offer credit for a thesis proposal requirement or an equivalent. Instead, the department has rolled work on a thesis proposal into its non-credit ANTH 7000. Apart from the University of Alberta, the department offers *the only other* professional development seminar to PhD students in the U15. Western University's Research Seminar is focused on research skills and not the pillars of professional development the department proposes in ANTH 7000.

Recommendations

The Faculty Council of Graduate Studies recommends THAT: the program changes from the unit listed below be approved by Senate:

Dept. of Anthropology (Faculty of Arts)

Respectfully submitted,

Dean J. Doering, Chair Graduate Studies Faculty Council

/ak

<u>Comments of the Senate Executive Committee</u>: The Senate Executive Committee endorses the report to Senate.

Preamble:

- The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
- 2. The Faculty Council of Graduate Studies met on October 20, 2014 to consider a proposal from the Dept. of Chemistry (Faculty of Science).

Observations:

1. The **Dept. of Chemistry** proposes a reduction of 3 credit hours (CHs) in the Ph.D.

| Current | Proposed |
|---|--|
| M.Sc. | M.Sc. |
| 9 CHs beyond B.Sc. | No change in credit hours |
| Of this, 3 CHs consist of CHEM 7900 Seminar | However, regulations will state: |
| in Current Research Issues | 6 CHs beyond B.Sc. plus CHEM 7900 |
| Ph.D. | Ph.D. |
| 18 CHs beyond B.Sc. OR | 12 CHs beyond B.Sc. plus CHEM 7900 |
| 9 CHs beyond M.Sc. | OR |
| Of this, 3 CHs consist of CHEM 7900 except then starting in the Ph.D. from an M.Sc. where CHEM 7900 was already taken | 6 CHs beyond M.Sc. plus CHEM 7900 (if CHEM 7900 has not been taken before) |

^{*}CHEM 7900 Seminar in Current Research Issues in Chemistry is the department's 3-credit hour graduate "Scientific Communication" course.

- This is for most students a reduction by 3 CHs for the PhD program.
- For comparison, the Department of Chemistry has collected data from the other 14 universities of the U15 (for details, see below) and has attempted to separate

- "communications courses" from regular courses. Such courses are important, but counted in very different ways in different places.
- From an inspection of the results, it appears that Chemistry's proposal is "middle of the road" within the U15. For M.Sc. students, the standard requirement is 2-3 courses beyond a B.Sc. degree; for PhD, only UWO and the U of M currently require more than 4 courses beyond the B.Sc. level.
- The number of required courses is a significant factor in recruitment: aspiring students typically want to become research-active as soon as possible, and often regard courses as obstacles. At Canadian universities, Chemistry graduate degree programs have become more research-oriented over the last decade. For the University of Manitoba's Chemistry graduate students to be competitive, that trend needs to be followed. It is the department's hope that this proposal will improve the department's research productivity and competitiveness.
- Table 1 contains a summary of the course requirements; the text following it has more details on programs at each of the individual universities.
- Every program has a thesis and defense, so those are not explicitly listed. They also
 have some form of required seminar attendance, usually as part of a "communication"
 course. <u>Communication courses are ignored in the Table.</u> Where a seminar (about
 research or about something else) was listed, it has been included in the detailed
 description. However, it is suspected that some programs have a seminar requirement
 not mentioned in the web description.
- Additionally, some universities require and/or quantify TA activities; that is ignored here.
 Thesis proposals are often required but also often not explicitly mentioned in program
 descriptions. In many cases *either* the direct entry route *or* the M.Sc./transfer route is
 described on the web site, and it is assumed the other route (if available) is treated the
 same way.

Table 1. Summary of course requirements (3 cr hr units) for graduate studies at the Canadian U15.^b

| | | | Courses (| 3 cr hr equivale | nts) |
|-----------------------------------|-------------------|----------------|-----------|------------------|--------------|
| Institution ^[6] | City | Total students | MSc PhD | from BSc PhD | from MSc |
| University of Alberta | Edmonton | 37,730 | 3 | 4 | ? |
| University of British Columbia | <u>Vancouver</u> | 58,030 | 4 | 4 | □4 |
| University of Calgary | <u>Calgary</u> | 31,800 | 3 | 4 | 1-3 |
| Dalhousie University | <u>Halifax</u> | 18,560 | 2 | 4 | 2-4 |
| <u>Université Laval</u> | Quebec City | 44,320 | 2 | (rare) | 2 |
| University of Manitoba (current) | <u>Winnipeg</u> | 29,150 | 2 | 5 | 2 |
| University of Manitoba (proposed) |) <u>Winnipeg</u> | 29,150 | 2 | 4 | 2 |
| McGill University | <u>Montreal</u> | 37,170 | 2 | 4 | 3 |
| McMaster University | <u>Hamilton</u> | 30,280 | 2 | 2-3 | 0-1 |
| Université de Montréal | <u>Montreal</u> | 46,980 | 3 | 4 | 1 |
| University of Ottawa | <u>Ottawa</u> | 43,100 | 2 | 4 | 2 |
| Queen's University | <u>Kingston</u> | 24,850 | 3 | (0) | (0) |
| University of Saskatchewan | <u>Saskatoon</u> | 20,080 | 2 | 2-4 | |
| University of Toronto | <u>Toronto</u> | 84,400 | 2 | 2-4 | |
| University of Waterloo | <u>Waterloo</u> | 34,900 | 3 | 4 | 2 |
| University of Western Ontario | <u>London</u> | 29,400 | 1 | 5 (trar | sfer credit) |

^a Student numbers from Wikipedia, Jan 31, 2014. ^b Excluding "Communication" courses.

University of Alberta

MSc

• Three 3 cr hr courses

PhD from BSc via direct entry

PhD from BSc via MSc and transfer

- Four 3 cr hr courses
- Seminar, *not* on research topic
- Candidacy exam

PhD from MSc (anecdotal, not from web site)

- Four 3 cr hr courses
- Seminar, *not* on research topic
- Candidacy exam

University of British Columbia

MSc

Four 3 cr hr courses

PhD from BSc via direct entry

PhD from BSc via MSc and transfer

- Four 3 cr hr courses
- Comprehensive exam

PhD from MSc

- Four 3 cr hr courses, but transfer credit/waiver possible
- Comprehensive exam

University of Calgary

MSc

• Three 3 cr hr courses

PhD from BSc via direct entry

- Four 3 cr hr courses
- Candidacy

PhD from BSc via MSc and transfer

- Four 3 cr hr courses
- Qualifying exam (to allow transfer), replaces Candidacy

PhD from MSc

- One to three 3 cr hr courses
- Candidacy

Dalhousie University

MSc

- Two 3 cr hr courses
- Seminar

PhD from BSc via direct entry

- Four 3 cr hr courses
- PhD Qualifying Report
- Oral examination
- Seminar on a topic unrelated to research
- · Seminar on research

PhD from BSc via MSc and transfer

Same

PhD from MSc

- From MSc at Dal: two 3 cr hr courses
- From MSc elsewhere: apply for transfer credit
- Otherwise, same as above

Université Laval

MSc

- Seminar on research
- Two 3 cr hr courses

PhD from BSc via direct entry

In exceptional cases

PhD from BSc via MSc and transfer

PhD from MSc

- Seminar on research
- Two 3 cr hr courses
- Candidacy (oral+written)

McGill University (internal contradictions on web site data)

MSc

• Two 3 cr hr courses

PhD from BSc via direct entry

- Four 3 cr hr courses
- Comprehensive exams (part of "courses")

PhD from BSc via MSc and transfer

PhD from MSc

• Three 3 cr hr courses

• Comprehensive exam (part of one "course")

McMaster University (requirements vary per discipline)

MSc

- Four "modules" of 1.5 cr hrs
- Seminar on research

PhD from BSc via direct entry

PhD from BSc via MSc and transfer

- Transfer exam, including proposal
- Six (inorganic) or four (others) "modules" (1.5 cr hr each)
- Seminar
- Comprehensive exam

PhD from MSc

- Inorganic: two "modules" (1.5 cr hr each). Other disciplines: no further courses.
- Seminar
- Comprehensive exam

Université de Montreal

MSc

• Three 3 cr hr courses

PhD from BSc via direct entry

• Four 3 cr hr courses

PhD from BSc via MSc and transfer

PhD from MSc

- One 3 cr hr course
- Exam

University of Ottawa

MSc

- Two 3 cr hr courses (?)
- Thesis proposal
- Seminar on research

PhD from BSc via direct entry

- Four 3 cr hr courses
- Thesis proposal
- Comprehensive exam
- Two seminars on research

PhD from BSc via MSc and transfer

PhD from MSc

- Two 3 cr hr courses (?)
- Seminar
- Thesis proposal
- Comprehensive exam

Queen's University

MSc

• Six "modules" (1.5 cr hr each)

PhD from BSc via direct entry

PhD from BSc via MSc and transfer

•

PhD from MSc

- Six "modules" (1.5 cr hr each) beyond BSc
- Comprehensive exam
- Research seminar

University of Saskatchewan

MSc

• Two 3 cr hr courses

PhD from BSc via direct entry

- Two to four 3 cr hr courses
- Qualifying Examination
- Comprehensive examination
- Research seminar

PhD from BSc via MSc and transfer

PhD from MSc

<u>University of Toronto (requirements vary per discipline)</u>

MSc

- Two 3 cr hr courses
- Research seminar

PhD from BSc via direct entry

- Two to six (normally 2-4) 3 cr hr courses
- Comprehensive exam
- Two to three seminars
- Seven cumulative exams if applicable

PhD from BSc via MSc and transfer

PhD from MSc

University of Waterloo

MSc

• Three 3 cr hr courses.

PhD from BSc via direct entry

- Four 3 cr hr courses.
- Comprehensive exam
- Colloquium

PhD from BSc via MSc and transfer

PhD from MSc

- Two 3 cr hr courses or equivalent
- Comprehensive exam
- Colloquium

University of Western Ontario

MSc

- One 3 cr hr course or equivalent
- Research seminar

PhD from BSc via direct entry

- Five 3 cr hr courses or equivalent
- Research seminar

PhD from BSc via MSc and transfer

• Fulfill direct-entry requirements (from BSc)

PhD from MSc

- MSc from Western: count courses towards PhD
- MSc from elsewhere: apply for transfer credit

Recommendations

The Faculty Council of Graduate Studies recommends THAT: the program changes from the unit listed below be approved by Senate:

Dept. of Chemistry (Faculty of Science)

<u>Comments of the Senate Executive Committee</u>: The Senate Executive Committee endorses the report to Senate.

Respectfully submitted,

Dean J. Doering, Chair Graduate Studies Faculty Council

/ak

Preamble:

- The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
- The Faculty Council of Graduate Studies met on October 20, 2014 to consider a proposal from the Dept. of Educational Administration, Foundations & Psychology (Faculty of Education)

Observations:

1. The <u>Dept. of Educational Administration</u>, <u>Foundations & Psychology</u> proposes a name change of two Masters of Education area groups:

| Current | Proposed |
|-----------------------------|------------------------|
| Guidance and Counselling | Counselling Psychology |
| Inclusive Special Education | Inclusive Education |

The rationale for the Guidance and Counselling change is as follows:

- The origin of the name "Guidance" represents a bygone idea reflected in dated stereotypical attitudes, goals, roles and responsibilities
- The name "Counselling Psychology" reflects the reality that psychology is the major discipline of counselling (but this is not meant to downplay the disciplines of sociology, anthropology and philosophy which are important contributors to this complex multifaceted field)
- Counselling Psychology is an integral part of the American Psychological Association (APA) program as Division 17: Society of Counseling Psychology brings together psychologists, students, professional and international affiliates who are dedicated to promoting education and training, scientific investigation, practice, and diversity and public interest in professional psychology
- "Guidance" is not listed either as a title or course description nor does the Faculty of Education teach "guidance" as a topic
- The objectives of the program are to educate and train students, employing a scientific-practitioner model, to develop a clear sense of identity of their role, responsibilities and discipline that will likely continue to develop during their ongoing professional practice and as a part of their affiliation and participation in

- relevant professional associations
- Counselling Psychology training programs in major universities across Canada are located in departments within Faculties of Education rather than being connected with clinical psychology, experimental psychology, or undergraduate psychology programs in faculties of arts, health, social sciences, or sciences. Faculties of Education appear to be a better fit for a Counselling Psychology program as it relates to life span development and lifelong learning in school and community-based settings. It also provides a holistic orientation that focuses on client strengths, diversity and context, and utilizes a client-centered approach as the predominant one.
- The proposed name change would align with how other universities across Canada house and define Counselling Psychology programs.

The rationale for the Inclusive Special Education change is as follows:

- The recent Appropriate Educational Programming Amendment to Public Schools Act provides a legal and pedagogical context for the completion of the transition from "special" education to "inclusive" education that should be reflected in the name of the area group.
- In the past, the word "special" was retained due to a fear that some potential students might not recognize the program without that word. However, there is no doubt that this is no longer the case. Many in-service teachers and graduate students have encouraged this change to be made as the term "inclusive special" education is perceived to be an oxymoron.
- The changes to "Inclusive Education" will be consistent with the Faculty of Education's expectations and language of the field and is consistent with the faculty's philosophy and the contents of the courses taught in the area at the undergraduate and graduate levels.
- Some course title changes to follow at a later date.

Recommendations

The Faculty Council of Graduate Studies recommends THAT: the program changes from the unit listed below be approved by Senate:

Dept. of Educational Administration, Foundations & Psychology (Education)

Respectfully submitted,

Dean J. Doering, Chair Graduate Studies Faculty Council

/ak

<u>Comments of the Senate Executive Committee</u>: The Senate Executive Committee endorses the report to Senate.

Preamble:

- The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
- 2. The Faculty Council of Graduate Studies met on October 20, 2014 to consider a proposal from the Faculty of Graduate Studies.

Observations:

1. The <u>Faculty of Graduate Studies</u> proposes the introduction of GRAD 7500 Academic Integrity Tutorial (0), to improve knowledge of academic integrity issues on the part of graduate students and is part of the Academic Integrity Initiative of the Faculty of Graduate Studies. Tutorials are available at http://umanitoba.ca/student/resource/student advocacy/Al-and-Student-Conduct-Tutorials.html and the online test will be available on the University of Manitoba's D2L site.

The course will be offered every term. New students will be required to successfully complete the course during the first year of their program. Continuing students will be required to complete the course within one year of its introduction or before graduating (whichever comes first).

The course includes a series of six brief modules, ranging in duration from about 4 minutes to about 14 minutes (the total duration is 51:41). Student responsibilities and University of Manitoba regulations and expectations are covered in the general domains of tests and exams, plagiarism, inappropriate collaboration, fraud, and student conduct.

The course will be graded on a pass/fail basis. In order to pass the course, students must view all modules and pass a brief online test. The test would be available only once all modules have been viewed. Students may take the test as many times as necessary until a passing grade is received.

The proposed implementation date is September 2015.

Course Introduction

GRAD 7500 Academic Integrity Tutorial

0

New and continuing Masters and Doctoral students will learn about Academic Integrity by viewing online tutorials. A brief learning-check will be written after all of the tutorials have been viewed. Students will be required to score 100% on this learning-check to receive a

pass grade for the course. Couse grade pass/fail.

NET CREDIT HOUR CHANGE

0

Recommendations

The Faculty Council of Graduate Studies recommends THAT: the program changes from the unit listed below be approved by Senate:

Faculty of Graduate Studies

Respectfully submitted,

Dean J. Doering, Chair Graduate Studies Faculty Council

/ak

<u>Comments of the Senate Executive Committee</u>: The Senate Executive Committee endorses the report to Senate.

Preamble:

- 1. The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
- 2. The Faculty Council of Graduate Studies met on October 20, 2014 to consider a proposal from the Faculty of Graduate Studies.

Observations:

1. The <u>Faculty of Graduate Studies</u> requests the program closing of the *Master of Mathematical, Computational & Statistical Sciences (MCSS)*. The decision was reached following a meeting of the department heads in the Faculty of Science and former Dean Mark Whitmore, and is endorsed by Acting Dean Peter Graham. The program currently has no students and has only had a couple of students in its entire history. The program has been idle for close to 10 years.

Recommendations

The Faculty Council of Graduate Studies recommends THAT: the program closing of the MCSS from the unit listed below be approved by Senate:

Faculty of Graduate Studies

Respectfully submitted,

Dean J. Doering, Chair Graduate Studies Faculty Council

/ak

<u>Comments of the Senate Executive Committee</u>: The Senate Executive Committee endorses the report to Senate.