

Senate
Senate Chamber
Room E3-262 Engineering Building
WEDNESDAY, January 9, 2008
1:30 p.m.
Regrets call 474-6892

A G E N D A

I MATTERS TO BE CONSIDERED IN CLOSED SESSION - none

II MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE

1. Proposed Academic Schedule for 2008-2009 Page 17
2. Report of Executive Council of Faculty of Graduate Studies
On Course Changes - June 11, 2007 Page 22
3. Report of Executive Council of Faculty of Graduate Studies
On Course Changes - September 26, 2007 Page 26

III MATTERS FORWARDED FOR INFORMATION - none

1. *In Memoriam* Dr. Terrence (Terry) Hogan Page 34

IV REPORT OF THE PRESIDENT

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 DECEMBER 5, 2007

VII BUSINESS ARISING FROM THE MINUTES

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

1. Report of the Senate Executive Committee Page 35

Comments of the Senate Executive Committee will accompany the report on which they are made.
2. Report of the Senate
Planning and Priorities Committee

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

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

1. **Department and Program Name Changes – Faculty of Arts** **Page 36**
2. **Report of the Senate Committee on University Research
– Periodic Review of Research Centres and Institutes**
 - a) **The Institute of Industrial Mathematical Sciences** **Page 41**
3. **Graduate Changes with Resource Implications
or Course Changes Beyond Nine Credit Hours**
 - a) **Report of Executive Council of Faculty of
Graduate Studies - October 30, 2007** **Page 45**
 - b) **Report of the Senate
Planning and Priorities Committee** **Page 91**

X ADDITIONAL BUSINESS

XI ADJOURNMENT

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

/mb



UNIVERSITY
OF MANITOBA

Registrar's Office

400 University Centre
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 474-9420
Fax (204) 275-2589
registrar@umanitoba.ca



Date: December 3, 2007
Memo To: Senate Executive Committee
From: Neil Marnoch, Registrar *Neil Marnoch*
Re: Proposed Academic Schedule for 2008-2009

The attached 2008-2009 Academic Schedule has been updated based on changes in days and/or dates to conform with the 2008-2009 calendar, along with revised information received from academic units. Please note the following.

Key Points

1. Deadlines for receipt of applications for admission for the Faculties/Schools will be published on the Enrolment Services website.
2. Labour Day in 2008 is September 1. Therefore University 1 Orientation will take place on the first two days of the Fall Term, September 2 and 3. **Classes in most faculties and schools will begin on Thursday, September 4 and end on Wednesday, December 3.**
3. There are two statutory holidays in the 2008 Fall Term: Thanksgiving Day and Remembrance Day. As was the case last year there are 63 days available for instruction in Fall Term.
4. The 2008 December Examination period will be from **Friday, December 5** through **Thursday, December 18.**
5. In Winter Term, the university will re-open on Monday, January 5, 2009. **Winter Term classes in most faculties and schools will begin on Tuesday, January 6, 2009. Winter Term Classes will end Thursday, April 9.**
6. There are two statutory holidays in the 2009 Winter Term: Louis Riel Day on Monday, February 16 and Good Friday on April 10. There are 63 days available for instruction in Winter Term.

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the report to Senate.

7. **Mid-Term Break in 2009 is February 16 - 20**, which is the seventh week of Winter Term.
8. The 2009 April Examination period will be from **Monday, April 13** through **Wednesday, April 29**.
9. As approved by Senate, the deadline for Voluntary Withdrawal is the 48th teaching day of the term. In 2008-09 these dates are **Wednesday, November 12, 2008 for Fall Term** courses and **Thursday, March 19, 2009 for Winter Term and Fall/Winter Term (spanned) courses**. Faculties and schools offering courses with irregular schedules and withdrawal dates **must** ensure these are well publicized to your students.
10. Convocation ceremonies will be held as follows:

▪ Fall Convocation	October 22 & 23, 2008
▪ Medicine Convocation	May 15, 2009
▪ Spring Convocation	May 26, 27, & 28, 2009
▪ Collège universitaire de Saint-Boniface Convocation	June 1, 2009
11. The Registrar's Office has included a link to an interfaith web-based calendar on its website. This calendar may be used as a reference by instructional staff in the organization of course content and due dates. The link is in Staff and Faculty Resources section of the Registrar's Office website at:
<http://umanitoba.ca/student/records/resources/index.html>

Encl.

Undergraduate Calendar

2008-2009 Academic Schedule

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

Chapter Contents

- Section 1: Orientation Sessions for Fall/Winter Session**
- Section 2: Start and End Dates for Fall/Winter Session**
- Section 3: Registration and Withdrawal Dates**
- Section 4: Fee Deadlines**
- Section 5: Dates of University Closure and Mid Term Break**
- Section 6: Fall/Winter Session Examination and Test Dates**
- Section 7: Challenge for Credit, Supplemental and Other Special Examinations and Tests**
- Section 8: Grade Appeal Dates**
- Section 9: University Convocation**
- Section 10: Other University Special Events**
- Section 11: Distance & Online Education 2008/09 Deadline Dates**
- Section 12: Summer Session 2008 Start and End Dates**
- Section 13: Summer Session 2009**
- Section 14: Graduate Studies Submission Dates**

Section 1: Orientation Sessions for Fall/Winter Session

IDDP Year 1	May-June 2008
University 1	Sept. 2-3, 2008
Agriculture Diploma	Sept. 12, 2008
School of Art Orientation	Sept. 2-3, 2008
Education, Year 1	Sept. 3, 2008
Education, Year 2 and Year 5 Integrated	Aug. 28, 2008
Medicine, Year 1	Aug. 19, 2008
Medicine Inaugural Exercises	Aug. 20, 2008
Music	Sept. 2, 2008
Nursing, Year 2 (2180)	
Tuesday/Wednesday clinical orientation	Aug. 26, 2008
Nursing, Year 2 (2190)	
Tuesday/Wednesday clinical orientation	Aug. 26, 2008
Nursing, Year 2 (2180)	
Thursday/Friday clinical orientation	Aug. 27, 2008
Nursing, Year 2 (2190)	
Thursday/Friday clinical orientation	Aug. 27, 2008
Nursing, Year 2 (2180 continues)	
Tuesday/Wednesday clinical orientation continues	Sept. 2, 2008
Nursing, Year 2 (2180 continues)	
Thursday/Friday clinical orientation continues	Sept. 3, 2008
Nursing, Year 2 (2190 continues)	
Both rotations clinical orientation continues	Sept. 3, 2008
Nursing, Year 2 (2180 and/or 2190)	
Tuesday/Wednesday clinical begins	Sept. 9, 2008
Nursing, Year 2 (2180 and/or 2190)	
Thursday/Friday clinical begins	Sept. 4, 2008
Nursing, Year 3 clinical orientation	
Tuesday/Wednesday clinical rotation begins	Sept. 23, 2008
Nursing, Year 3 clinical orientation	
Thursday/Friday clinical rotation begins	Sept. 18, 2008

Nursing, Year 4 clinical orientation	Sept. 4, 2008
Nursing Lectures in NURS 2120 (Health Assessment) and Nursing labs in NURS 2120 (Health Assessment and NURS 2130 (Skills Year2, NURS 3280 (Skills year 3) start week of Sept. 8, 2008	
NOTE: Immunizations/CPR due for all newly admitted Nursing students	Aug. 1, 2008
Occupational Therapy, Year 1 Linking Week	Aug. 18 - 22, 2008
Pharmacy, Year 1 orientation session	Sept. 3, 2008
Physical Education and Recreation Studies	June 24 & July 2, 2008
Social Work, Year 1	Sept. 2, 2008
Social Work, Year 2 and 3 Field Orientation	Sept. 2 and 3, 2008

Section 2: Start and End Dates for Fall/Winter Session

(Classes, practica, experiences)

The following start and end dates are for students in most faculties and schools.

See Section 5 for mid term break and other university closures.

Students registering for Distance and Online Education courses should consult the Distance and Online Education Calendar available from Distance Education.

Education courses may have unique start and end dates. Students are referred to the Faculty of Education website

Fall Term 2008 (including full courses)	Start	End
Most faculties and schools	Sept. 4, 2008	Dec. 3, 2008
Agriculture diploma	Sept. 15, 2008	Nov. 28, 2008
Dentistry, Years 1 and 2	Aug. 11, 2008	Nov. 28, 2008
Dentistry, Year 3	Aug. 5, 2008	Nov. 28, 2008
Clinics	NA	Dec. 5, 2008
Dentistry, Year 4	Aug. 5, 2008	Nov. 28, 2008
Clinics	NA	Dec. 12, 2008
Dental Hygiene, Year 1	Aug. 18, 2008	Nov. 28, 2008
Clinics	NA	Nov. 28, 2008
Dental Hygiene, Year 2	Aug. 11, 2008	Nov. 28, 2008
Clinics	NA	Dec. 5, 2008
Law	Sept. 2, 2008	Dec. 3, 2008
Medicine, Years 1 and 2	Aug. 25, 2008	T.B.A.
Medicine Years 3 and 4	Aug. 25, 2008	Dec. 19, 2008
Medicine, B.Sc.	May 26, 2008	Aug. 22, 2008
Occupational Therapy Year 1	Aug. 25, 2008	Nov. 14, 2008
Basic Fieldwork	Nov. 17, 2008	Dec. 12, 2008
Occupational Therapy Year 2	Aug. 25, 2008	Dec. 12, 2008
Pharmacy, Year 4 (classes)	Sept. 2, 2008	Oct. 28, 2008
(Experiential rotations/electives)	Nov. 3, 2008	Dec. 19, 2008
Physical Therapy	Aug. 25, 2008	Dec. 12, 2008
Respiratory Therapy Years 1, 2, 3	Aug. 25, 2008	Dec. 19, 2008
Respiratory Therapy,		
Year 1 Basic Fieldwork	Sept. 19, 2008	Dec. 19, 2008
Year 2 Basic Fieldwork	Sept. 12, 2008	Dec. 12, 2008
Social Work, Field Instruction Years 2 & 3	Sept. 2, 2008	Dec. 5, 2008

Winter Term 2009 (including full courses)	Start	End
Most faculties and schools	Jan. 6, 2009	Apr. 9, 2009
Agriculture Diploma	Jan. 6, 2009	Mar. 27, 2009
Dental Hygiene, Years 1 and 2 classes	Jan. 5, 2009	Apr. 9, 2009
Year 1 clinic	Jan. 5, 2009	Apr. 9, 2009
Year 2 clinic	Jan. 5, 2009	May 1, 2009
Dentistry, Years 1 and 2	Jan. 5, 2009	Apr. 24, 2009
Dentistry, Year 3 classes	Jan. 5, 2009	May 1, 2009
Year 3 clinics	Jan. 5, 2009	May 15, 2009

Dentistry, Year 4 classes	Jan. 5, 2009	Feb. 13, 2009
Year 4 clinics	Jan. 7, 2009	May 1, 2009
Law	Jan. 5, 2009	April 9, 2009
Medicine, Years 1 and 2	Jan. 6, 2009	May 22, 2009
Medicine, Year 3	Jan. 6, 2009	Aug. 21, 2009
Medicine, Year 4 Clerkship	Jan. 5, 2009	May 8, 2009
Occupational Therapy Year 1	Jan. 5, 2009	May 1, 2009
Intermediate Fieldwork 1	May 4, 2009	June 26, 2009
Occupational Therapy Year 2		
Intermediate Fieldwork 2	Jan. 5, 2009	Feb 27, 2009
Occupational Therapy Year 2	March 9, 2009	June 26, 2009
Advanced Fieldwork	June 29, 2009	must end by
	(flexible start date)	Sept. 11, 2009
Pharmacy, Year 2, experiential rotations	May 4, 2009	May 15, 2009
Pharmacy, Year 3 Community Practice	April 6, 2009	May 1, 2009
Pharmacy, Year 4,		
experiential rotations/electives	Jan. 6, 2009	Apr. 9, 2009
Physical Therapy	Jan. 5, 2009	variable; depends on clinical placements
Resp. Therapy Year 1 Basic Fieldwork	Jan. 16, 2009	March 27, 2009
Resp. Therapy Year 2 Basic Fieldwork	Jan. 9, 2009	March 20, 2009
Respiratory Therapy Years 1 and 2	Jan. 5, 2009	Apr. 30, 2009
Respiratory Therapy Year 3	Jan. 5, 2009	June 26, 2009
Social Work Years 2 and 3 field instruction	Jan. 5, 2009	Apr. 8, 2009

Section 3 Registration and Withdrawal Dates

NOTES: 1. The fee refund schedule may be found in the Calendar in the chapter "Fees, Payments and Refunds"

2. Some courses have irregular Voluntary Withdrawal dates. Please refer to your faculty or school section of the Calendar.

Fall Term 2008 (including full courses)	Start	End
Nursing Clinical Courses: last date to register for Fall Term 2008 and Winter Term 2009	Aug. 20, 2008	
Last Date to register and pay fees without penalty for all programs (except Agriculture Diploma)	Sept. 3, 2008	
Agriculture Diploma	Sept. 12, 2008	
Law: Registration after this date requires Dean's approval	Sept. 2, 2008	
Registration revisions and late registration in all programs (except Agriculture Diploma). A financial penalty is assessed on all late registrations during this period	Sept. 4, 2008	Sept. 17, 2008
Agriculture Diploma	Sept. 15, 2008	Sept. 24, 2008
Last date in all programs (except Agriculture Diploma) to withdraw from Fall Term 2008 and full courses and not be assessed a "VW"		Sept. 17, 2008
Agriculture Diploma		Sept. 24, 2008
Last date in all faculties and schools to Voluntarily Withdraw Fall Term 2008 courses. (See refund schedule for implications).		Nov. 12, 2008
Winter Term 2009		
Registration and Revision period in Winter Term 2009 half-courses in all programs (except Agriculture Diploma)	Jan. 6, 2009	Jan. 19, 2009
Agriculture Diploma	Jan. 6, 2009	Jan. 16, 2009
Last date for registration in Winter Term 2009 half courses, including Challenge for Credit, and/or registration revisions in all programs (except Agriculture Diploma)		Jan. 19, 2009
Agriculture Diploma		Jan. 16, 2009
Winter Term 2009 half courses and full courses dropped after this date from any program (except Agriculture Diploma) are recorded as Voluntary Withdrawals		Jan. 19, 2009
Agriculture Diploma		Jan. 16, 2009
Last date for Voluntary Withdrawal from Winter Term 2009 half courses and full courses without academic penalty from all faculties and schools (except Agriculture Diploma). See refund schedule for financial implications.		Mar. 19, 2009
Agriculture Diploma		Mar. 11, 2009

Section 4: Fee Deadlines

Last date for all students to pay Fall Term 2008 and 1st instalment fees without late fee (except Agriculture Diploma) Sept. 3, 2008

Agriculture Diploma Sept. 12, 2009

Last date for all students to pay Winter Term 2009 and 2nd instalment fees without late fee Jan. 19, 2009

Section 5: Dates of University Closure and Mid Term Break

When the University is closed no classes/examinations will be held.	Start	End
Canada Day (Holiday Observed)	July 1, 2008	
Civic Holiday	Aug. 4, 2008	
Labour Day	Sept. 1, 2008	
Thanksgiving Day	Oct. 13, 2008	
Remembrance Day (Holiday Observed)	Nov. 11, 2008	
December Holidays	Dec. 24, 2008	Jan. 4, 2009
Mid-Term Break* for all faculties and schools (except Medicine, Education, Occupational Therapy, Physical Therapy Yr. 3 and Respiratory Therapy Yr. 3)	Feb. 16, 2009	Feb. 20, 2009
Louis Riel Day	Feb. 16, 2009	
Occupational Therapy	March 2, 2009	March 6, 2009
Medicine Years 1 and 2	Mar. 16, 2009	Mar. 20, 2009
Good Friday	April 10, 2009	
Easter Monday (Respiratory Therapy department only)	April 13, 2009	
Victoria Day	May 18, 2009	

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

Section 6: Fall/Winter Session Examination and Test Dates

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

Fall/Winter Session 2008-2009

Fall Term 2008 (including full courses)	Start	End
Most faculties and schools	Dec. 5, 2008	Dec. 18, 2008
Agriculture Diploma*	Dec. 1, 2008	Dec. 8, 2008
Dentistry, Years 1, 2, and 3	Dec. 1, 2008	Dec. 12, 2008
Dentistry, Year 4	Dec. 8, 2008	Dec. 12, 2008
Dental Hygiene Year 1	Dec. 1, 2008	Dec. 12, 2008
Dental Hygiene Year 2	Dec. 8, 2008	Dec. 12, 2008
Law	Dec. 5, 2008	Dec. 19, 2008
Medicine, Year 1	TBA	TBA
Medicine, Year 2	Nov. 20, 2008	Nov. 21, 2008
Pharmacy, Year 4	Oct. 29, 2008	Oct. 31, 2008

Winter Term 2009 (including full courses)

Most faculties and schools	Apr. 13, 2009	Apr. 29, 2009
Agriculture Diploma	Mar. 30, 2009	Apr. 6, 2009
Dental Hygiene, Years 1 and 2	Apr. 13, 2009	Apr. 17, 2009
Dentistry, Years 1 and 2	Apr. 27, 2009	May 8, 2009
Year 3	May 19, 2009	May 29, 2009
Year 4	Feb. 23, 2009	Feb. 27, 2009
Law	Apr. 13, 2009	April 29, 2009
Medicine, Year 1	Jan. 23, 2009	Jan. 23, 2009
	May 13, 2009	May 15, 2009
Medicine, Year 2	Mar. 12, 2009	Mar. 13, 2009
	May 21, 2009	May 22, 2009
Pharmacy, Year 3	Mar. 30, 2009	April 3, 2009
Respiratory Therapy		
Clinical Entrance Exams Year 2	Apr. 29, 2009	
Composite Exams Year 3	June 19, 2009	

Section 7: Challenge for Credit, Supplemental and Other Special Examinations and Tests

Faculties and schools that extend supplemental examination privileges: last date for applications for autumn supplemental examinations	July 2, 2008
Language reading tests for graduate students	Sept. 6, 2008
Last date to apply for Challenge for Credit for courses offered in Fall Term 2008	Sept. 17, 2008
International Dental Degree Program on-site assessment	Dec. 15-19, 2008
Last date to apply for Challenge for Credit for courses offered in Winter Term 2009	Jan. 19, 2009
Agriculture Diploma	Jan. 6, 2009
Last date for applications for Fall Term 2008 supplemental examinations	
Fall term supplementary examinations	Jan. 12, 2009
Language reading tests for graduate students	Apr. 4, 2009
Agriculture Diploma	May 1, 2009
Last date for applications for Winter Term 2009 supplemental examinations	
Winter Term supplementary examinations	May 22, 2009
Last day to register for Challenge for Credit for examinations in June series	May 2, 2009
Medical Council of Canada examinations	May 4 -12, 2009

Section 8: Grade Appeal Dates

Appeal period for grades received for Fall Term 2008 courses	Jan. 6, 2009	Jan. 26, 2009
Appeal period for grades received for Winter Term 2008 courses and full courses	May 19 2009	June 8, 2009

Section 9: University Convocation

Fall Convocation	Oct. 22 - 23, 2008
Last date to apply online to graduate in Fall	Aug. 1, 2008
Last date to apply online for graduation in February	Sept. 17, 2008
School of Agriculture graduation ceremony	May 1, 2009
Faculty of Medicine Convocation ceremony	May 15, 2009
Spring Convocation	May 26, 27, 28, 2009
Last date to apply online to graduate in May	Jan. 19, 2009
Convocation ceremony at Collège universitaire de Saint-Boniface	June 1, 2009

Section 10: Other University Special Events

Parents Orientation	June 7, 2008
2008 School Counsellors Admissions Seminar	Sept. 17, 2008
Enrolment Services/Student Recruitment: Evening of Excellence	Oct. 20, 2008
Memorial events for 14 women murdered at l'Ecole Polytechnique in 1989	Dec. 6, 2008
Information Days for high school students	Feb. 17-18, 2009
Annual traditional graduation Powwow in honour of Aboriginal students	May 2, 2009

Section 11: Distance and Online Education 2008/2009 Deadline Dates

Last date for registration and fee payment without fee penalty for students wishing to take Distance and Online Education courses commencing in September.	Sept. 3, 2008
Last date for application to write examinations at a location other than the University of Manitoba in courses ending in December	First working day of October
Last date for registration for students wishing to take Distance and Online Education courses commencing in January	Jan. 19, 2009
Last date for application to write examinations at a location other than the University of Manitoba in courses ending in April	First working day of February

Section 12: Summer Session 2008

Start and End Dates

For more detailed information, please consult the Summer Session Calendar available from the Summer Session Office, 166 Extended Education Complex. The Summer Session Calendar is available on-line at umanitoba.ca/summer.

May Day, June Day, Summer 1	Start	End
Classes	May 5, 2008	June 24, 2008
Examinations		
Term 1	May 30, 2008	May 31, 2008
Term 2 and Full	June 26, 2008	June 27, 2008
May-June Eve, June-Aug. Eve, May-Aug. Eve		
Classes	May 5, 2008	Aug. 7, 2008
Examinations		
Term 1	June 20, 2008	June 21, 2008
Term 2 and Full	Aug. 8, 2008	Aug. 9, 2008
July Day, Aug. Day, Summer 2		
Classes	July 2, 2008	Aug. 20, 2008
Examinations		
Term 1	July 26, 2008	
Term 2 and Full	Aug. 22, 2008	Aug. 23, 2008
Other		
Nursing Summer Term	Apr. 28, 2008	July 30, 2008

Section 13: Summer Session 2009

Class Start Dates

Nursing summer term begins	April 27, 2009
Summer Session Start Date	May 4, 2009

The other summer session dates are not available yet.

Section 14: Faculty of Graduate Studies Submission Dates for 2008-2009

For reports on theses/practica (and the corrected copies of the theses/practica), comprehensive examinations and M.Eng. projects to be submitted to Graduate Studies by students expecting to graduate in October	Aug. 28, 2008
For receipt in Graduate Studies Office of Ph.D. theses (for distribution) from graduate students expecting to graduate in February	Oct. 7, 2008
For distribution of Master's theses/practica (to examining committee) by students expecting to graduate in February	Oct. 20, 2008
For reports on theses/practica (and the corrected copies of theses/practica), comprehensive examinations and M.Eng. projects to be submitted to Graduate Studies by students expecting to graduate in February.	Jan. 6, 2009
For receipt, in Graduate Studies Office, of Ph.D. thesis (for distribution) from graduate students expecting to graduate in May.	Jan. 19, 2009
For distribution of Master's theses/practica (to examining committee) by students expecting to graduate in May	Jan. 26, 2009
For reports on theses/practica (and the corrected copies of theses/practica), comprehensive examinations and M.Eng. projects to be submitted to Graduate Studies by students expecting to graduate in May	April 8, 2009
For receipt by the Faculty of Graduate Studies, of Annual Progress Reports for Master's and Ph.D. students	June 11, 2009
For receipt, in Graduate Studies Office, of Ph.D. thesis (for distribution) from students expecting to graduate in October	June 15, 2009
For distribution of Master's theses/practica (to examining committee) by students expecting to graduate in October	June 22, 2009

November 29, 2007

Report of the Executive Committee of the Faculty of Graduate Studies from the e-mail vote of June 11, 2007

Preamble:

The Executive Committee voted via e-mail on June 11, 2007 and made the following recommendation. There was no discussion via e-mail:

Recommendation: (Note: For reference material please see corresponding Pg #.)

1. **THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the proposal to reduce the credit hours at the graduate level in the Dept. of Chemistry, Faculty of Science be forwarded to Senate for approval.**

PAGE 2

Approved at the Faculty Council of
Graduate Studies. Nov. 15, 2007

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

Preamble

The Programs and Planning Committee (PPC) of the Faculty of Graduate Studies has the responsibility of reviewing graduate program changes and course deletions, modifications, and introductions and makes recommendations to FGS Executive. PPC held a meeting on May 28, 2007 and made the following recommendation:

A. PROGRAM CHANGES

1. Dept. of Chemistry, Faculty of Science

REDUCTION IN CREDIT HOURS

The Dept. of Chemistry is proposing the following:

- M.Sc. – A reduction in the number of required credit hours from 12 to 9. The 9 credit hours include a mandatory 3 credit hour Seminar course.
- Ph.D. – A reduction in the number of required credit hours from 24 to 18. A minimum of 18 credit hours (including a mandatory 3 credit hour Seminar course) is required for students who do not already hold a Masters degree. A minimum of 9 credit hours are required for students that already hold a Masters degree.

Observations

Please see Attach. #1. pg. 3

Recommendation

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the reduction in credit hours for the graduate programs in the Dept. of Chemistry.

The program changes were endorsed by the Executive Committee of the Faculty of Graduate Studies via e-mail on June 11, 2007.



UNIVERSITY
OF MANITOBA

RECEIVED

JUN - 1 2007

FACULTY OF GRADUATE STUDIES

Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 474-9321
Fax (204) 474-7608

Department of Chemistry

May 30, 2007

To: Andrea Kailer, Confidential Assistant, and Faculty of Graduate Studies

From: Dr. N. R. Hunter, Professor & Department Head

Re: Justification for the Proposed Graduate Program Changes

As per your request, this memo clarifies to information contained in the original Letter of Justification dated April 20, 2007. The written justifications for the reduction of credit hour requirements for the Masters and Doctoral Programs in Chemistry are as follows.

Proposed Changes:

A reduction in the number of required credit hours in the Chemistry Masters Program from 12 to 9, as indicated in the Department's Supplemental Regulations. The required 3 credit hour Seminar course is included in the 9 credit hours.

A reduction in the number of required credit hours in the Chemistry Doctoral Program from 24 to 18, as indicated in the Department's Supplemental Regulations. A minimum of 18 credit hours (including the 3 credit hour Seminar course) are required for students who do not already hold a Masters degree. A minimum of only 9 credit hours are required for students that already hold a Masters degree.

Rationale:

1. The decision to reduce the Graduate Program credit hour requirements was in response to the February 2004 Chemistry Graduate Program Assessment Committee's Recommendation #4.
2. In comparison to other Chemistry Graduate Programs across Canada, the University of Manitoba degree credit requirements for the M.Sc. and Ph.D. are among the highest. The Graduate Program Review Committee noted that the additional course requirements seemed excessive. Thus, our ability to compete for high quality students with other Canadian Universities may have been compromised in the past by a perception of unnecessarily high graduate degree requirements.

3. A significant component of Chemistry's Graduate Program involves a high level of intense laboratory training. Our graduate students are expected to spend many hours in the research laboratory gaining the relevant experience that is essential to the successful completion of their graduate degree. The previous heavier course load requirements were not conducive to our Department's goal of producing highly trained and highly skilled graduates.

It is imperative that this matter be resolved and approved by Graduate Studies immediately. The Department of Chemistry anticipates that the proposed changes will be implemented in time for the upcoming 2007/2008 academic year.

Please report back to Mr. Keith Travis at the completion of each stage of the final approval process. Thank you.

/kt.

Report of the Executive Committee of the Faculty of Graduate Studies from the meeting of September 26, 2007

Preamble:

The Executive Committee met on Wednesday, September 26, 2007 and made the following observations and recommendations:

Observations:

1. The Executive Committee discussed a proposal to "Streamline Course Introductions, Modifications, and Deletions," which is a model that intends to fast-track the approval process of routine course introductions, modifications, and deletions that are not associated with new programs. [See Attach. 1]

The Executive Committee approved that the model should become an *electronic* approval process whereby FGS Executive members would be directed to a website on which they would have two (2) weeks to "object" to fast-track courses put forth by Programs and Planning. It would be understood that "no response" to the material on the website would stand as a compliant, in-favour vote.

2. The list of Candidates for Degrees was circulated electronically to the Executive Committee. No discussion arose.
3. The membership listing of the 2007-08 FGS Guidelines and Policy Committee was received and approved.

Recommendations: (Note: For reference material please see corresponding Pg #'s.)

1. THAT Faculty Council endorse the Executive Committee's recommendation that the proposal entitled "Streamlining Course Introductions, Modifications, and Deletions" be approved.

* Just for info

PAGE pg. 7

* ~~2~~

Withdrawn

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

3. **THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course modifications of the I. H. Asper School of Business be forwarded to Senate for approval.**

PAGE 239

4. **THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course modifications of the Dept. of Interior Design, Faculty of Architecture be forwarded to Senate for approval.**

PAGE 240

5. **THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course deletion of the Natural Resources Institute, Faculty of Environment, Earth, and Resources be forwarded to Senate for approval.**

PAGE 241

6. **THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course introduction of the Dept. of Electrical & Computer Engineering, Faculty of Engineering be forwarded to Senate for approval.**

PAGE 242

Approved at the Faculty Council of
Graduate Studies, Nov. 15, 2007

23 October 2007



Streamlining Course Introductions, Modifications, & Deletions

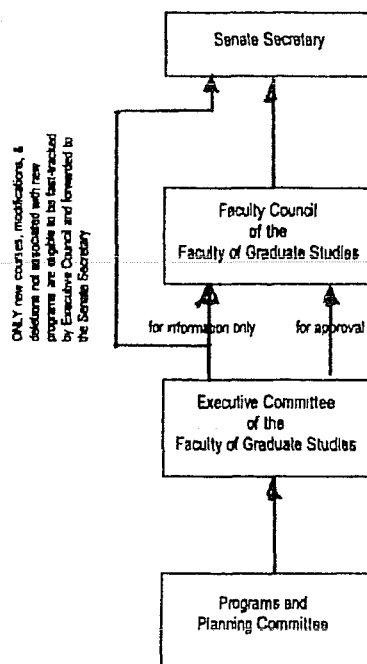
Preamble

The introduction, modification and deletion of graduate courses not associated with new programs has historically taken a long time to accomplish. Though it can take a while to move a new course or a course modification/deletion through home faculties, the time taken to move through the Faculty of Graduate Studies has been identified as especially problematic. For example, a course change must be approved by the Faculty of Graduate Studies Programs and Planning Committee (PPC), Executive Committee of Faculty Council, and then Faculty Council before being forward to the Senate Secretary for consideration. Moving a change through these committees of FGS can take 6 to 8 months. The delay is not because of issues or problems with the introduction, modification, or deletion of a course, but because of the frequency and timing of FGS committee meetings, especially Faculty Council.

Proposal

I do not believe that the answer to expediting this process is to increase the frequency of Faculty Executive or Faculty Council meetings as these committees involve too many people and more frequent meetings would not be a good use of a committee member's time. Instead, since the vast majority of new courses, course modifications, or course deletions move through FGS committees without incident, I am proposing to develop an alternate method of approval.

1. All matters related to graduate courses would continue to be vetted by the Programs and Planning Committee. This committee meets approximately monthly from September to June.
2. Only new courses, modifications, or deletions not associated with a new program would be eligible to be fast-tracked (see diagram).
3. Fast-track eligible courses would be sent to members of Executive Council for approval. All approved (fast-track) courses would be forwarded directly to the Secretary of Senate for consideration and to the Faculty Council of the Faculty of Graduate Studies for their information.



To Senate for info only

Preamble

The Programs and Planning Committee (PPC) of the Faculty of Graduate Studies has the responsibility of reviewing graduate program changes and course deletions, modifications, and introductions and makes recommendations to FGS Executive. PPC held a meeting on Sept. 10, 2007 and made the following recommendations:

COURSE CHANGES

1. I. H. Asper School of Business

Four (4) MODIFICATIONS

MKT.7230	Seminar in Consumer Behaviour	3
	(Change in course description) "Formerly 118.723. Intensive study of consumer behaviour as it relates to the marketing function. Prerequisite or concurrent requirement: MKT.6080 (or 118.608)."	
IDM.7060	Professional Seminar	6
	(Change in course description) "Formerly 98.706. A series of modules on executive leadership and professional management topics."	
MSCI.6070	Quantitative Analysis for Management	3
	(Change in course description) "Formerly 164.607 (27.607). Introduction to the use of quantitative techniques and computers to solve management problems. Mathematical optimization models, network analysis, and probability models. Prerequisite: MSCI.5010 (or 164.501). Not to be held with 027.607 (or 164.607)."	

IDM.7720

Business Conditions Analysis

1.5

(Change in course description)

“Formerly 27.772. This course provides an awareness and understanding of key components of the economic and business environment. It explores critical forces that affect daily business decision-making including market supply and demand, the time value of money, and a firm’s profitability and valuation. As well, the course introduces the concept of financial reporting.”

(No change in credit hours)

Observations

None noted.

Recommendation #1

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the course modifications of the I. H. Asper School of Business.

2. Dept. of Interior Design, Faculty of Architecture

Two (2) MODIFICATIONS

IDES.7180

**Theory Seminar 1 – Contemporary Issues in Design
(Formerly 051.718)**

3

(Change in course description)

“A theoretical exploration of contemporary design issues as they apply to Interior Design, supporting the work of design studio. Historical precedent in

relation to human activity, sensory stimulus,
technological and social change, ecological
awareness, and aesthetic judgment forms the
context for discussion and debate. Prerequisite:
EVIE.3650 and EVIE.3660 or equivalent."

IDES.7190

Theory Seminar 2 – Critical Perspectives (Formerly
051.718)

3

(Change in course description)

**"An examination of the theoretical and
philosophical approaches to design. Examines the
practice of Interior Design through a variety of
critical and historical perspectives. Different modes
of thought and manners of questioning will be used
to debate the issues. Prerequisite: IDES.7180."**

(No change in credit hours)

Observations

None noted.

Recommendation #2

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that
the Faculty Executive of Graduate Studies endorse the course modifications of the Dept. of
Interior Design in the Faculty of Architecture.

3. Natural Resources Institute, Faculty of Environment, Earth, and Resources

One (1) DELETION

NRI.7120

Mineral Resources Management and Policy
(formerly 056.712)

(3)

Observations

The course has not been offered in the past three years.

Recommendation #3

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the course deletion of the Natural Resources Institute of the Faculty of Environment, Earth, and Resources.

4. Dept. of Electrical & Computer Engineering, Faculty of Engineering

One (1) INTRODUCTION

ECE.7XXX

Topics in Signal Compression and Coding

3

“This course covers selected topics in signal compression with emphasis on recent advances: theory and practice of quantization, introduction to rate distortion theory, principles of predictive coding, transform coding and trellis coding, applications, emerging topics including joint source-channel coding, multiple description coding and distributed source coding.”

Observations

Signal compression and coding is an active area of research within the Dept. of ECE. This course serves as an advanced course (an introductory course is already being offered).

**Report of the Programs and Planning Committee of the Faculty of Graduate Studies on
course changes from its meeting on Sept. 10, 2007.**

Recommendation #4

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the course introduction in the Dept. of Electrical & Computer Engineering, Faculty of Engineering.

The course changes were endorsed by the Executive Committee of the Faculty of Graduate Studies on September 26, 2007.

In Memoriam Dr. Terrence (Terry) Hogan

Dr. Terrence (Terry) Hogan, Senior Scholar, I.H. Asper School of Business, passed away on September 19, 2007 at the age of 70.

Terry received his B.A at Loras College, Iowa in 1959. He completed his M.A. and Ph.D. in Psychology at the Catholic University of America in Washington DC, and joined the University of Manitoba in January 1969, as an Associate Professor in Psychology.

During his 35 year career at the University, Terry held numerous positions, including Associate Head of Psychology, Associate Dean of Arts, Dean of Graduate Studies, Associate Vice-President (Academic) and Vice-President (Research and External Programs). He ended his academic career as Executive Associate Dean of the I.H. Asper School of Business and as its Director of International Student Exchanges. At the time of his death, he was a Senior Scholar.

Terry's contributions to the University were significant and lasting. Of particular note were his contributions as Vice-President (Research and External Programs). During his tenure in this position he worked tirelessly to raise the profile of university research, internally and externally, and was responsible for numerous initiatives that remain key features of the University's research enterprise. Terry initiated the University's first research publication and was responsible for the creation of the Dr. John M. Bowman Memorial Winnipeg Rh Institute Foundation Medal that recognizes outstanding research achievements by senior university faculty. He oversaw and facilitated the development of large-scale, collaborative research funding proposals that led to the establishment of several high profile regional and national research networks that are still at the University today. He also established the University's first technology transfer office, now recognized as one of the best in the country.

Terry was a member of many organizations and served these organizations with distinction. He served as the President of the Canadian Psychological Association, the Psychological Association of Manitoba, and the Canadian Society for the Study of Higher Education. In 2001, he was named by the Canadian Psychological Association as the Member of the Year. He also served on the boards of several national, international and local organizations. In 2006, he was granted an Honorary Doctorate from the University College Sedaya International (UCSI) in Kuala Lumpur, Malaysia. He had served on the Board of Governors many years at UCSI.

Terry leaves behind many family members, including his wife Jennie Lee Hogan; brother, Kevin and Lucy Hogan; daughter Maureen Hogan; son, Timothy and Laurel Hogan, Marc Hogan and Claire Thomas, Sean Hogan and Kati Kroeger; daughter, Amanda Thomas and William Jones; and several grandchildren, nieces, nephews, and other family members.

He also leaves behind many friends and colleagues at the University. He is and will be greatly missed.

December 12, 2007

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 Emily Etcheverry will be the Speaker for the Executive Committee for the January 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. Emőke Szathmáry, Chair
Senate Executive Committee
Terms of Reference:

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

/mb



UNIVERSITY
OF MANITOBA

Faculty of Arts

Office of the Dean of Arts
309 Fletcher Argue Building
University of Manitoba
Winnipeg, Manitoba
Canada R3T 5V5
Telephone (204) 474-9271
Facsimile (204) 474-7590
Email lise_durand@umanitoba.ca

DATE: November 21, 2007

TO: Meg Brolly, Senate Specialist, Office of the University Secretary

FROM: Lise Durand, Confidential Assistant to the Dean, Faculty of Arts

SUBJECT: Department and Program Name Changes

The Arts Faculty Council, at its meeting on October 31, 2007, approved the following department name changes, which I respectfully ask be presented to Senate Executive for approval:

Current Name

Department of English

Women's Studies Program

Proposed New Name

Department of English, Film and Theatre

Women's and Gender Studies Program

Once this matter has been considered by the Senate Executive, would you please inform me of the decision so that I can inform the affected departments.

Thank you.

/ld

Comments of the Senate Executive Committee
The Senate Executive Committee has
approved the proposed name changes.

ATTACHMENT #8: ARTS FACULTY COUNCIL: OCTOBER 31, 2007



UNIVERSITY
OF MANITOBA

DEPARTMENT OF ENGLISH
Film, Literature and Theatre Programs

625 Fletcher Argue Building
Winnipeg, Manitoba
Canada R3T 5V5

Tel: (204) 474-9678
Fax: (204) 474-7669

INTER-DEPARTMENTAL CORRESPONDENCE

Date: 18 April 2007
To: Richard Sigurdson, Dean, Faculty of Arts
From: Judith Owens, Head, Department of English
Subject: DEPARTMENT NAME CHANGE

DEAN OF ARTS
APR 18 2007
UNIVERSITY OF MANITOBA

At our regularly scheduled meeting of the Department Council on April 12, 2007, members voted unanimously in favour of a motion to change our department name, from the Department of English to the Department of English, Film, and Theatre. The new name not only reflects more accurately what it is that we do, but also promotes what it is that distinguishes us from many other English departments across Canada. Additionally, the new name would mean that Theatre would not be separated by many pages from English in the General Calendar, a circumstance that would make it easier for prospective students to design a programme of study.

No administrative changes will accompany this change in name. Film Studies and Theatre Studies would still have a programme chair each.

If possible, we would like the change in name to take effect for Summer Session 2008.

JO/mh

ATTACHMENT #9: ARTS FACULTY COUNCIL: OCTOBER 31, 2007

UNIVERSITY
OF MANITOBA

Faculty of Arts: OF ARTS

Associate Dean of Arts
315 Fletcher Argue Building
University of Manitoba
Winnipeg, Manitoba
Canada R3T 5V5
Telephone (204) 474-9912
Facsimile (204) 474-7590
Email ristock@cc.umanitoba.ca

MAR 12 2007

April 2, 2007

UNIVERSITY OF MANITOBA

TO: Richard Sigurdson, Dean, Faculty of Arts

FROM: Janice Ristock, on behalf of the Women's Studies Program

SUBJECT: *PROGRAM NAME CHANGE*

I am writing to seek your approval for officially changing the name of the Women's Studies Program to the Women's and Gender Studies Program. This change in name has been approved by a strong majority of the Women's Studies Program Committee. (Further, the one dissenting member indicated that she would not stand in the way of allowing us to move forward with this change). In this letter I provide a rationale for making this program name change.

RATIONALE:

Introduction

Changing the name of the Women's Studies Program (WSP) at the University of Manitoba is justified on two principal grounds. First, the WSP has undergone many changes in recent years due to the growth and development of its faculty and curriculum that has resulted from the participation of the Margaret Laurence Post-Doctoral fellows (held by Mona Oikawa and then Liz Millward) and the recent appointment of a new tenure-track position (Liz Millward). The title "Women's Studies Program" no longer accurately reflects the orientation of the program or the direction of the core curriculum taught by WSP faculty. The proposed new title, "Women's and Gender Studies Program," is more consistent with the orientation of the faculty and the evolving curriculum in the program which includes new special topics courses such as "Masculinities" and "Sex and Gender, Space and Place". Further the name change better reflects several courses recently introduced by other Departments that have been cross-listed with the program such as, "Sex, Gender and Cultural Politics in the German Speaking world", "Gender and Politics in Canada", "Sociological Perspectives on Gender and Sexuality" and "Cultural Constructions of Gender in Canadian Aboriginal Societies". Second, the title "Women's and

Richard Sigurdson

- 2 -

April 2, 2007

Gender Studies Program" more accurately reflects the development in the field nationally and internationally in programs and departments at other accredited institutions. Changing the name, then, more correctly reflects both the specifics of our program and the general development of scholarship and research in the field.

The Women's Studies Program at the University of Manitoba

The University of Manitoba has offered a major in Women's Studies since 1987, (although it has been offering courses since approximately 1979). The program expanded in 1998 to offer an honours degree and an advanced major degree. While we do not have a graduate program we do offer directed reading courses at the graduate level. The Women's Studies Program is interdisciplinary in focus and has a core curriculum consisting of 24 core courses. The core faculty members include: Dr. Janice Dodd (.3 in WSP and .7 in Physiology), Dr. Cindy Donatelli, Dr. Susan Heald, Dr. Liz Millward and Dr. Janice Ristock. Currently Dr. Linda Wilson (Psychology) is the Acting-Coordinator. Through funding provided by the Margaret Laurence Endowment Fund we appoint a Post-Doctoral Fellow for a two year term every four years. The Women's Studies Program is also multidisciplinary and brings together studies of women, feminism and gender by specialists in different disciplines. Presently the WSP has 36 cross-listed courses offered by 12 Departments and by 3 Faculties outside of the Faculty of Arts.

The Field of Women's Studies

Women's Studies developed as a field of study in the late 1960s and early 1970s with the emergence of women's liberation movement(s) and feminism(s). Women's Studies is concerned with the feminist movement to end sexism, sexist exploitation and all forms of oppression based not only on sex/gender but ethnicity, race, sexual orientation, age, ability and class. Thus, the discipline of Women's Studies is centred on the knowledge, experiences and theorizing of women about their lived realities and their analysis of the world around them. Further in the field of Women's Studies gender is established as a fundamental category of social, cultural, and historical analysis. Studying the way that gender is socially constructed, then, is a project that is central to the area.

The field of Women's Studies has always had to be responsive to social, cultural and historical changes that affect women, gendered relations and the production of academic knowledge. In order to address the insights and shifts in feminist analysis over the last 25 years, the curriculum as well as the titles of Women's Studies Departments, Centres and Programs are slowly changing to include new developments. Across Canada, for instance a number of Universities are offering gender studies courses and reflecting this growth in the titles of their degrees. Based on information from the Canadian Women's Studies Association eight programs are changing their names to include Gender Studies. Dalhousie University, for instance, is in the process of modifying its undergraduate degree to include Gender Studies. Nipissing University, the University of British Columbia, Brandon University and the University of Winnipeg have

Richard Sigurdson

- 3 -

April 2, 2007

changed their undergraduate degree titles to reflect this shift, while graduate programs at the University of Northern British Columbia, the University of British Columbia and University of Toronto are offering graduate degrees in Women's Studies and Gender Studies. A number of Universities in the U.S. are also reflecting similar changes. For example Yale University's program has been renamed the Women's , Gender and Sexuality Studies Program, the University of Berkeley has the Gender and Women's Studies Program. University of Minnesota the Gender, Women and Sexuality Studies Program and Cornell University has the Feminist, Gender and Sexuality studies program.

Conclusion

The title "Women's Studies Program" no longer reflects the ongoing direction of our developing curriculum, the interests of many of our students, and national and international trends in feminist scholarship and naming of academic units. Therefore the Women's Studies Program Committee recommends that the Women's Studies Program be renamed "Women's and Gender Studies Program". This change more accurately reflects the curriculum of our program and latest developments in the field and will allow us to continue to grow with our field of study. We would ideally like the new title to be effective as soon as possible and published in the next calendar (web-based and print). We therefore ask for your approval and advice on how to best proceed.



UNIVERSITY
OF MANITOBA

OFFICE OF THE
VICE-PRESIDENT (RESEARCH)



207 Administration Building
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 474-6915
Fax (204) 474-7568
www.umanitoba.ca/vpresearch

MEMORANDUM

TO: Mr. Jeff Leclerc, University Secretary

FROM: Joanne C. Keselman, Vice-President (Research)
and Chair, Senate Committee on University Research

DATE: December 5, 2007

SUBJECT: Periodic Review of Research Centres and Institutes: The Institute of Industrial
Mathematical Sciences (IIMS)

Attached is the report on the review of the The Institute of Industrial Mathematical Sciences
conducted by the Senate Committee on University Research, according to the Policy on
Research Centres, Institutes, and Groups.

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

Thank you.

JCK/nis
Encl.

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

THE SENATE COMMITTEE ON UNIVERSITY RESEARCH:
REPORT ON THE REVIEW OF THE INSTITUTE OF INDUSTRIAL MATHEMATICAL
SCIENCES (IIMS)

Preamble:

1. The Policy *Research Centres, Institutes and Groups*, stipulates that all research centres/institutes be reviewed by the Senate Committee on University research (SCUR) on a periodic basis but not less than once every five years. Accordingly and following the approval by Senate of the Policy, the Senate Committee on University Research has established a schedule for the review of all research centres/institutes.
2. For each research centre/institute identified for review, a sub-committee of the Senate Committee on University Research is established. In accordance with the Policy, the task of each sub-committee is to recommend to SCUR on whether a formal, independent review committee should be struck to conduct a full review. If a sub-committee is of the view that a full review of a specific research centre/institute is not warranted, it is further charged with recommending to SCUR on the continuance or termination of the research centre/institute.

Observations:

1. The review process followed that which is outlined in section 3.3.1 of the Policy, and involved a review of annual reports of the Institute of Industrial Mathematical Sciences as well as a report prepared by the Centre Director which contained:
 - A detailed listing of its research and training accomplishments, a current membership list, and a detailed financial statement;
 - A five-year plan which identified general future research directions and development strategies; a projected financial statement based on expected developments, grants and contract income;
 - Letters indicating continued support for the Institute from appropriate department heads and the Dean of Science.
2. The membership of the sub-committee was as follows: Michael Freund, Department of Chemistry [chair], Don Fuchs, Faculty of Social Work, and Michael Trevan, Dean of Agricultural and Food Sciences.
3. The observations/assessment of the sub-committee were as follows:
 - The Director's report provides extensive information on the Institute's activities and accomplishments over the past two years, and details the activities and planning that has occurred during a transition to the new Director. It was clear to the sub-committee from this information that while the Institute is still in a transition period, it has all the ingredients required to establish itself in the next three years.
 - The Director has made considerable effort to expand the Centre's membership, raise funds, and to have IIMS take a leadership role in the establishment of a network

involving five universities in Manitoba and Saskatchewan. The sub-committee believed that this effort has the potential to raise the visibility of the Institute as well as to increase its productivity. The sub-committee was also pleased with the expansion of the Institute to include participants from government and academia.

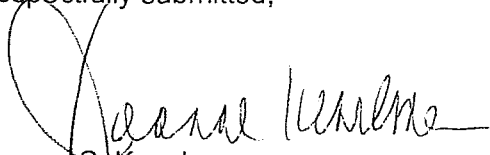
- The Director, with the help of the Faculty of Science, has successfully guided the Institute to a state of solvency with no significant financial liabilities, and while the current operating budget remains modest, it is healthy and in a position to sustain growth, based on the Institute's long-term plans. While several of the grant applications planned in the report have since proven unsuccessful or were not submitted, there is sufficient external funding to support research efforts within the Institute.
 - The Institute has shifted its focus onto mathematical biology research. Research accomplishments include publications in prestigious journals, editing special issues of journals and conference proceedings, and organizing conferences. The sub-committee noted that while the productivity of the researchers within the Institute appeared to be good, it was concentrated in a fraction of the members. In the view of the sub-committee, there is an opportunity to establish mechanisms within the Institute for increasing productivity and broadening the participation of new and existing membership; this will be critical for increasing the effectiveness of the Institute.
 - The outreach activities of the Institute are one of its strengths. The sub-committee felt that the Institute was in an excellent position to expand these efforts within the network structure that is currently being created with the five other prairie universities.
 - The sub-committee suggested that the role of the Institute in graduate education be strengthened. The impact of the Institute on students and related departments could be much greater by the introduction of interdisciplinary graduate courses that reflect the nature of applied mathematics being practiced in industry, government, and academics. These courses could be co-taught by members of the Institute and would help attract students and build the visibility and reputation of the Institute.
 - The last review of the Institute recommended a re-evaluation in two years given the transition that it was experiencing. In the view of the sub-committee, this time period appears to have been too short to re-establish a significant track record. All the indicators suggest that the Institute will achieve its projected goals; however, more time is required to actually realize them.
4. At the October 31, 2007 meeting of SCUR, the sub-committee recommended and SCUR approved the recommendation that a full review of the research centre was not warranted and that, the Institute of Industrial Mathematical Sciences should continue for a three-year period.

Recommendation:

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

**That the Institute of Industrial Mathematical Sciences continue for a three-year period,
beginning January 1, 2008.**

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Joanne Keselman". The signature is fluid and cursive, with a large initial "J" and "K".

Joanne C. Keselman
Vice-President (Research)
And Chair, Senate Committee on University Research

Report of the Executive Committee of the Faculty of Graduate Studies from the meeting of October 30, 2007

Preamble:

The Executive Committee met on Tuesday, October 30, 2007 and made the following observations and recommendations:

Observations:

1. The Administrative Actions report on extensions and deficient grades was received.

Recommendations: (Note: For reference material please see corresponding Pg #'s.)

1. **THAT Faculty Council endorse the Guidelines and Policy Committee's recommendation that the Specialization Name Changes in the Dept. of Curriculum, Teaching and Learning, Faculty of Education be forwarded to Senate for approval.**

PAGE 247

2. Under review by SPPC

3. Under review by SPPC

4. **THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the program changes in the Dept. of Architecture, Faculty of Architecture be forwarded to Senate for approval.**

PAGE 734

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

5. THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the credit hour reduction of the Ph.D. program in the Dept. of Biochemistry & Medical Genetics, Faculty of Medicine be forwarded to Senate for approval.

PAGE 734

6. THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the modification of the Ukrainian M.A. to a Slavic M.A. in the Dept. of German & Slavic Studies, Faculty of Arts be forwarded to Senate for approval.

PAGE 735

7. THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the program changes in the Dept. of Economics, Faculty of Arts be forwarded to Senate for approval.

PAGE 736

8. THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course introduction in the Dept. of Interior Design, Faculty of Architecture be forwarded to Senate for approval.

PAGE 758

9. THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course deletions and introductions in the Dept. of Economics, Faculty of Arts be forwarded to Senate for approval.

PAGE 759

10. THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course deletions and introductions in the Dept. of German & Slavic Studies, Faculty of Arts be forwarded to Senate for approval.

PAGE 762

11. THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course introductions in the Dept. of History, Faculty of Arts be forwarded to Senate for approval.

PAGE 764

12. THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course introductions in the Dept. of Political Studies, Faculty of Arts be forwarded to Senate for approval.

PAGE 765

13. THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course deletions and introductions in the Dept. of Religion, Faculty of Arts be forwarded to Senate for approval.

PAGE 766.

14. THAT Faculty Council endorse the Programs and Planning Committee's recommendation that the course deletions and introductions in the Dept. of Architecture, Faculty of Architecture be forwarded to Senate for approval.

PAGE 770

Approved at the Faculty Council of
Graduate Studies, Nov. 15, 2007

Report of the Guidelines and Policy Committee of the Faculty of Graduate Studies (FGS) on FGS regulations and policies from its meeting on February 9, 2007.

Preamble

The Guidelines and Policy Committee is responsible for reviewing specific changes to Faculty of Graduate Studies (FGS) regulations and policies and makes recommendations to the Faculty Executive of Graduate Studies. The Committee met on February 9, 2007 and made the following recommendation in regards to the specialization name changes in the Dept. of Curriculum, Teaching, and Learning (CTL), Faculty of Education.

SPECIALIZATION NAME CHANGES

Dept. of Curriculum, Teaching, and Learning, Faculty of Education

1. It is proposed that the "General Curriculum" specialization name be changed to "Studies in Curriculum, Teaching, and Learning."
2. It is proposed that the "Teaching English as a Second Language" specialization name be changed to "Second Language Education"

Observations:

At the time of the February 9th meeting, it was thought that the specialization name changes were minor program changes and therefore did not require Senate's approval. It was not until some months later that correspondence between FGS, the Faculty of Education and the Senate Secretary's Office uncovered that the name changes needed to be approved by Senate.

The name changes do not have any resource implications, nor will entail any changes to the curriculum in these specializations.

Recommendation

The Guidelines and Policy Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the specialization name changes in the Dept. of Curriculum, Teaching, and Learning, Faculty of Education.

This report was endorsed by the Executive Committee of the Faculty of Graduate Studies on October 30, 2007.

Preamble

The Programs and Planning Committee (PPC) of the Faculty of Graduate Studies has the responsibility of reviewing program changes and makes recommendations to FGS Executive. PPC held a meeting on Oct. 19, 2007 and made the following recommendations:

B. PROGRAM CHANGES

B.1. Dept. of Architecture, Faculty of Architecture

Observations

Please see the explanation to the program changes in [Attach. B.1] pg. 131

Recommendation B.1

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the program changes in the Dept. of Architecture, Faculty of Architecture.

B.2. Dept. of Biochemistry & Medical Genetics, Faculty of Medicine

Proposal:

To Reduce the Ph.D program credit hour requirements from 12 to 6.

Observations

Most of the Ph.D. students in the department transfer from the department's Master's program and will have completed 12 credit hours of course work during their M.Sc. training. The additional 6 credit hour obtained during their Ph.D. training will mean that each student will have completed a total of 18 credit hours.

Report of the Programs and Planning Committee of the Faculty of Graduate Studies on course changes from its meeting on Oct. 19, 2007.

It is anticipated that any Seminar courses will be required for completion *in addition* to the 6 credit hour minimum.

The department feels that reducing the requirement to 6 credit hours will allow Ph.D. students more time to focus on their research projects and should help students complete their programs within a more reasonable time frame. The department feels that this will not lessen the quality of its students' Ph.D. education.

It is anticipated that the reduction in credit hours will help in the program's ability to recruit the students it targets. The proposed 6 credit hour requirement for Ph.D. students is comparable with the requirements of several other departments in this university as well as with programs at other universities across Canada.

Recommendation B.2

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the credit hour reduction of the Ph.D. program in the Dept. of Biochemistry & Medical Genetics, Faculty of Medicine.

B.3. Dept. of German & Slavic Studies, Faculty of Arts

Proposal:

To modify the Ukrainian M.A. into a Slavic M.A.

Observations

To allow students to combine Ukrainian and Russian studies or focus on Ukrainian studies in particular, in order to correspond with the following reasons:

- The new undergraduate program, which offers Russian and Ukrainian streams and encourages students to learn how the two cultures represent themselves and one another;
- The changing field of Slavic Studies which often requires knowledge of both Russian and Ukrainian authors (Ukrainian cultural studies roots itself in Russian texts and contemporary Ukraine is in many respects a bilingual society; Russian students need to understand the way Russian culture represents Ukraine and itself in Ukrainian texts);

Report of the Programs and Planning Committee of the Faculty of Graduate Studies on course changes from its meeting on Oct. 19, 2007.

- The desires of the student population due to a recent wave of immigration and international political events; and
- The faculty's expertise, research approaches, and interest in Russian-Ukrainian relations.

Recommendation B.3

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the modification of the Ukrainian M.A. to a Slavic M.A. in the Dept. of German & Slavic Studies, Faculty of Arts.

B.4. Dept. of Economics, Faculty of Arts

Observations

Please see the explanation to the M.A. and Ph.D. program changes in [Attach. B.4] pg. 153

Note: the corresponding course deletions and introductions can be found in Section C.2., Attach. 4.

Recommendation B.4

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the program changes in the Dept. of Economics, Faculty of Arts.

The course changes, program changes, and program proposals were endorsed by the Executive Committee of the Faculty of Graduate Studies on October 30, 2007.

**DEPARTMENT OF ARCHITECTURE
REVISED GRADUATE PROGRAM
DOCUMENT**

Submitted to Graduate Studies October 9, 2007

Department of Architecture Revised Graduate Curriculum Introduction:

The proposals in these documents set out a revised curriculum for the architecture department's graduate program. In this package, in order to provide context to understand these changes, we have also referred to the Architecture department's proposed courses that are included as part of the Faculty of Architecture's Environmental Design undergraduate curriculum reform currently going through the 4Cs process. The architecture department initiated both sets of revisions to raise the standards of scholarship and achievement in our department. Our proposals are made with the intention of making a whole education that makes greater sense for a student passing through the Architecture Option of Environmental Design (EVAR), or from our Pre-Masters (PMQ/R) program on to our Masters (M Arch) program. The reasons for doing this are listed in the next section, but are broadly about raising standards; making the course more appropriate for the emerging developments in architectural practice and theory; responding to demands from our accreditation body; the need to place appropriate emphasis on studio work; and making the greatest use of our current and future teachers - many of our courses are written around teachers who have retired or left.

Although the undergraduate and graduate courses have been worked out with respect to each other, the proposals that are presented to 4Cs and Graduate Studies are autonomous, so that one cannot scupper the other. Our Pre-Masters (PMQ/R) program has been the shiniest part of our curriculum. If you look at the work or the GPA of our second year Masters students, the top strata are filled with students who have been through the Pre-Masters (PMQ/R) route. If the undergraduate proposal with 4Cs is approved it will mean that EVDS students will elect into the architecture department a year earlier than previously. This would allow us to integrate the students who currently enter through the Pre-Masters program route with these architecture option EVAR students. In this instance they would become EVAR architecture students and out of the purview of Graduate Studies. If 4Cs hold up the undergraduate program the PMQ/R program would continue, as it presently exists.

The proposals are based around our current resources. Two years ago we had 81 graduate students who had taken substantially more than two years on their masters program. Currently that is down to 15 and by the February graduation deadline it should be cleared completely. All 15 have passed their final presentations and now have to hand in their final documentation. Some of them have already done this. We are running a two-year masters program. The new proposals solidify this. The resources that were used to supervise this large number of superannuated students can now be directed to sustain the course we propose.

At present the final exam is called Comprehensive Examination. This is confusing because the term "comprehensive" has a very specific meaning to the Architectural Accreditation Board. The existing architecture curriculum was based on providing evidence of "comprehensiveness in design" in the last year of the graduate program through the final "Comprehensive Examination", thus the name. With this new revised curriculum being submitted, we propose to achieve architectural "comprehensiveness in design" in the first year of the masters program, freeing the students up to make an ambitious design thesis investigation in the second term of the second year. We propose to call this a "Design Thesis" (described fully in the Rationale document to follow), which avoids any confusion about what it might be to prospective students, Graduate Studies, and/or our accreditation board. We will require Graduate Studies to create a new GRAD 7XXX number for this "Design Thesis" designation.

Within the scope of the current course descriptions and regulations we have made a number of changes to our program. These have already had a substantial effect on the quality of work, quality of educational and the teaching experience. We have put our house in order with the long-term graduate student numbers. This set of proposals solidifies what we have already achieved and allows us to improve things further. If Graduate Studies approves these proposals we will then submit a revised set of regulations based on the Graduate Studies template to allow them to be implemented in a clear and fair way.

Department of Architecture Graduate Curriculum Rationale:

Reorganization of Masters (M Arch), Pre-Masters (PMQ, PMR) and Environmental Design Architecture Option years 3 and 4 (EVAR 3 + EVAR 4).

The architecture department is proposing a series of improvements to its courses. Architectural education balances the aspirations of an academic discipline and the requirements of a professional qualification. The architecture department has ambitions to raise the standard of architectural education at the university and the accreditation body has made demands on us that are fair and reasonable. The intention of our proposals is to make the optimum balance between these demands with the resources we have available. Part of the equation involves the Environmental Design program. The PM1 and PM2 (previously known as PMQ and PMR) run in parallel with the proposed new EVAR 3 and EVAR 4 (with slight differences to accommodate different backgrounds). The adjustments the faculty is making to the undergraduate Environmental Design (EVDS) program are supportive and complimentary to our proposals for the Masters program. The issues listed below document the external and internal forces necessitating the reorganization.

1. Successive accreditation reports have asked for greater autonomy for the architecture department in the ED program, pointing out the lack of suitability of the current ED program to architecture's needs. The Faculty of Architecture has agreed to these demands and we are simultaneously reorganizing the ED program to achieve this. In the new program students will elect into the Architecture Department for the last two years of their degrees. Currently they do this in the last year of ED. As a consequence the architecture department will now have an extra undergraduate year to cover the accreditation requirements. Although the accreditation demands are long and prescriptive, this will still give us room to teach more of what we want to teach (our academic ambition) in the Masters program. Part of the proposed changes are to take the opportunity provided by having students taught by the department for an extra year in their undergraduate education. This brings us more in line with other schools of architecture in Canada and will not affect what we have to teach in Masters for students coming from other places.
2. The department seeks to provide a better learning experience and professional grounding for our students. We are competing against other schools of architecture that provide substantial enrolment scholarships at the Masters level. We cannot compete with these financially so we depend entirely on the quality of our course and our reputation to attract students. To build on our reputation it is important that we have a course that is both attractive to teachers, so we may attract the best teachers to provide the best education for our students, and also attractive to students in its content. The proposals set out a course that allows teachers to operate at their full potential and makes an attractive proposition for students. We have the support of our students in making these proposals.
3. Accreditation reports have made valid criticisms of our technology teaching. We have adjusted our courses, both at undergraduate and graduate levels, taking into account these criticisms and making use of the stronger teachers we have hired in this area since the last accreditation visit.
4. The professional and academic landscape has changed since the present course structure was established. The most obvious example is the role of technology in the practice of architecture and in the manufacture of buildings. We are in an era where we have become more comfortable with our new tools, have a better theoretical perspective on their contribution to the discipline and profession, and the opportunities that the new technologies offer the process of building. These proposals acknowledge this shift. The current program is structured around modernist ethics. The new proposals are structured to raise standards of scholarship rather than supporting a certain doctrine. They implicate

the students much more in forming a view on the practice of architecture rather than prescribing how they should work.

5. The existing program (both in Masters (M Arch) and Undergraduate (EVAR)) has many courses that are based around the skills and research interests of staff who no longer teach at the University. The proposals make the most use of the current talents in the department and provide a measure of flexibility to allow new hires to make a significant contribution based on their own abilities and interests. Currently in the masters program Urbanism, New Building and Contemporary Theory and Criticism are related to particular teachers. In this new proposal, the required components of Urbanism and Contemporary Theory and Criticism are now being absorbed into the Research Topics: History and Theory courses, and New Building has been absorbed into the Advanced Technology Topics.
6. The proposals make a shift from processing students through a single path to providing both choices for students and the arena for teachers to bring their research expertise into their teaching. This occurs in the Studios, Research Topics in History and Theory and the Advanced Technology Topics. Within the current regulations we have prototyped these developments as far as we currently can with great success. The reorganization will provide an optimum platform to develop this, a process that has helped match staff and student fascinations to achieve a much greater level of intensity in the work. Within this specialization, the general needs of accreditation are still accommodated.
7. In the past the department has made a separation between History and Theory. The department has now made the academic decision that it makes much more sense for these to be taught together. This has a much greater effect on the undergraduate program but is also reflected in the Research Topics: History and Theory courses in the Masters program.
8. Architecture is a subject where many disciplines have to be brought together and made to make sense as a whole. The main site for learning how to do this is the studio and the main method of learning is through practice and reflection aided by criticism. The current structure emphasizes the parts but not so much the bringing together of those parts. In the reorganization greater emphasis is placed on studios by making them nine rather than six credit hours. This partly reflects the reality of the number of hours taught in studio but also a greater level of integration of parts of the curriculum that used to exist as separate items, such as Program Preparation. The new proposals also allow components of Research Topics: History and Theory or Advanced Technology Topics to be complimentary to a particular studio. The Technology Thesis Report will also be related to the Design Thesis but will require separate teaching input and student submissions.
9. Related to item seven, students currently have too many courses asking them to achieve too many different things at the same time. The reorganization at both undergraduate and graduate levels makes realistic demands on students' time so that they can achieve at a high level in all the courses and studios required of them. The proposals package the necessary curriculum content in a much more digestible assembly while allowing greater intensity in everything they do.
10. The design studio is at the core of architectural education both for the reasons given in item eight but also because it is where the skills of designing architecture are learnt. The individual components that make up an architectural curriculum are brought together in a consequential way through studio teaching. The current six credit hours given to studio do not reflect the teaching time in studio or the importance of the studio in architectural education. As a consequence we propose that all studios will be given nine credit hours, increasing the contact time from 12 hours a week to 16 hours a week.

11. The Comprehensive Examination is being replaced with the Design Thesis in this new proposed curriculum. The following is a description of the Design Thesis:

GRAD 7XXX – The Design Thesis is an independently driven creative work developed within a focused subject of inquiry and directed by architectural questions. It is carried out through intensive research, study, and design explorations that culminate in a thoroughly developed architectural proposition. It demonstrates a student's ability to structure their method of study, establish the work within a theoretical context, and develop it as a creative and eloquent architectural proposal. This work is to be fully recorded in a final document. A faculty member serves as an Advisor and all work is publicly presented to and evaluated by an examining committee. This committee provides consultation, advice, and criticism and is made up of other members of the Faculty (and specialized professionals in related and applicable fields when appropriate). This course is graded pass/fail. 0.0 Credit Hours

ARCHITECTURE: PREMASTERS COURSE CHANGES

DELETIONS:

ARCH.6320	General History of Architecture	3.0
ARCH.6370	Computer-Aided Design	3.0
ARCH.6380	Studio One	6.0
ARCH.6390	Studio Two	6.0
ARCH.6400	Studio Three	6.0
ARCH.6410	Studio Four	6.0
ARCH.6532	Drawing as Making	3.0
ARCH.6420	Behaviour in Design	3.0
ARCH.6430	Tectonic Precedents	3.0
ARCH.6440	Cultural Theory in Architecture	3.0
ARCH.6450	Inquiry by Design	3.0
ARCH.6460	History of Modern Architecture	3.0
ARCH.6470	Canadian Architecture	3.0
ARCH.6480	Structural Concepts in Architecture 1	3.0
ARCH.6500	Building Science 2	3.0
ARCH.6510	Integrated Environmental Systems	3.0
ARCH.6520	Lighting & Acoustics	3.0
ARCH.6530	Building Science 1: Making Architecture	3.0
Approved Elective		3.0
Total:		69.0 cr.hrs.

INTRODUCTIONS:

(Architecture Pre-Masters or advanced standing students now take the same courses as the new EVAR undergraduate architecture option program Introductions listed below)

EVAR.3XXX	Arch Studio 1	9.0
EVAR.3XXX	Arch Studio 2	9.0
EVAR.3XXX	Arch Tech 1 - Structural and Sustainable Use of Materials	3.0
EVAR.3XXX	Arch Tech 2 - Building Construction, Structures, Envelopes	3.0
EVAR.3XXX	Pre-Modern Architectural History and Theory 1	3.0
EVAR.3XXX	Pre-Modern Architectural History and Theory 2	3.0
EVAR.3XXX	Drawing -- Freehand/Digital	3.0
EVAR.3XXX	Arch Tech Prep: Structural Concepts	3.0
EVAR.4XXX	Arch Studio 3	9.0
EVAR.4XXX	Arch Studio 4	9.0
EVAR.4XXX	Arch Tech 3 - Building Systems	3.0
EVAR.4XXX	Arch Tech 4 - Comprehensive Design Technology Thesis Report	3.0
EVAR.4XXX	Modern Architecture History and Theory 1	3.0
EVAR.4XXX	Modern Architecture History and Theory 2	3.0
Approved Elective		3.0
Total:		69.0 cr.hrs.
(No change in total cr. hrs.)		

ARCHITECTURE: GRADUATE COURSE CHANGES

DELETIONS:

ARCH.7340	Professional Practice	3.0
ARCH.7360	Program Preparation	3.0
ARCH.7550	Studio Five	6.0
ARCH.7560	Studio Six	6.0
ARCH.7570	Studio Seven	6.0
ARCH.7580	Contemporary Theory & Criticism in Architecture (and Urban Design)	3.0
ARCH.7590	Urbanism	3.0
ARCH.7610	Structural Concepts in Architecture 2	3.0
ARCH.7600	New Building	3.0
3 Approved Electives		9.0
Total:		45.0 cr.hrs.

INTRODUCTIONS:

ARCH.7XXX	Arch Studio 5 & Comprehensive Program Report	9.0
ARCH.7XXX	Arch Studio 6	9.0
ARCH.7XXX	Advanced Technology Topics 1 (A01 + A02)	3.0
ARCH.7XXX	Advanced Technology Topics 2 (A01 + A02)	3.0
ARCH.7XXX	Research Topics: History and Theory 1 (A01 + A02)	3.0
ARCH.7XXX	Research Topics: History and Theory 2 (A01 + A02)	3.0
ARCH.7XXX	Professional Practice	3.0
ARCH.7XXX	Design Research Studio	9.0
GRAD.7XXX	Design Thesis	0.0
ARCH.7XXX	Technology Thesis Report	3.0
Total:		45.0 cr.hrs.
(No change in total cr. hrs.)		



UNIVERSITY
OF MANITOBA

Architecture / Fine Arts Library

Russell Building
84 Curry Place
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 474-9216
Fax (204) 474-7539

August 30, 2007

To: Prof. Nat Chard, Head, Département of Architecture, Faculty of Architecture

From: Mary Lochhead, Head, Architecture/Fine Arts and Music Libraries
M Lochhead

Re: Dept. of Architecture Curriculum Reorganization

Thank you for providing me with the course descriptions which describe the reorganization of the program offered by the Department of Architecture. The changes respond to the Environmental Design reform and address accreditation requirements. The courses listed as 'New' reflect proposed changes in course structure and delivery. The content has not changed apart from, for instance, areas of emphasis which naturally evolve and reflect changes in the field of architecture.

Previous assessments of our collection (Architecture Accreditation 2003; Ph.D. Design and Planning 2003) demonstrated that the Libraries support the programs at the appropriate levels. Based on my review of the 2007 package of course descriptions and related documentation the Libraries can support this proposed reorganization of the course content and delivery of the program in the Department of Architecture.

cc. C. Presser, Director of Libraries
J. Horner, Coordinator, Collections Management

LIBRARY SUPPORT STATEMENT FOR PROPOSED COURSE CHANGES

The signatures below endorse the findings of the bibliographer whose comments are attached. They do not necessarily indicate that the library has the resources to support the course change as outlined in the departmental submission.

NAME OF PROGRAM

Faculty: Architecture
Department: Architecture
Course no. and name: Dept. of Architecture Curriculum
Re-organization

SUPPORT STATEMENT

PREPARED BY: Mary Lochhead (Bibliographer)

APPROVED BY: Jan Horner
Coordinator, Collections Management

[Signature]
Director of Libraries

DATE: 31 August 2007

Department of Architecture Revised Graduate Curriculum Supporting Document:

Proposed Environmental Design Architecture Option (EVAR) & Master of Architecture (M ARCH) Curriculum Stream: Example Student Registration

~~EVAR 3 Years - M.Architecture Option Pre-Professional Intermediate Studies~~

EVAR/X 3XXX Arch Tech Prep (block course prior to Fall term-PM's + Adv. Std. students only), 3 cr.hrs.

ARCH 1: Fall Term - EVAR 3 and PM 1

EVAR 3XXX Arch Studio 1, 9 cr.hrs.

EVAR/X 3XXX Arch Tech 1, 3 cr.hrs.

EVAR/X 3XXX Pre-Modern Architectural History and Theory I, 3 cr.hrs.

EVAR/X 3XXX Drawing: Freehand/Digital (PM's + Adv Std), 3 cr.hrs.

OR:

X Elective (ED's) (fall or winter), 3 cr.hrs.

21 cr.hrs (PM + Adv. Std. students only)

18 cr.hrs (ED students)

ARCH 1: Winter Term - EVAR 3 / PM 1

EVAR 3XXX Arch Studio 2, 9 cr. hrs.

EVAR/X 3XXX Arch Tech 2, 3 cr.hrs.

EVAR/X 3XXX Pre-Modern Architectural History and Theory II, 3 cr.hrs.

15 cr.hrs.

Total: ARCH 1: 33 cr.hrs. (ED students)

Total: ARCH 1: 36 cr.hrs. (PM + Adv. Std. students only)

ARCH 2: Fall Term - EVAR 4 / PM 2

EVAR 4XXX Arch Studio 3, 9 cr.hrs

EVAR/X 4XXX Arch Tech 3, 3 cr.hrs

EVAR/X 4XXX Modern Architecture History and Theory I, 3 cr.hrs.

X Elective (fall or winter)

18 cr.hrs.

ARCH 2: Winter Term - EVAR 4 / PM 2

EVAR 4XXX Arch Studio 4, 9 cr.hrs.

EVAR 4XXX Arch Tech 4: Comprehensive Design Tech. Report, 3 cr.hrs.

EVAR/X 4XXX Modern Architecture History and Theory II, 3 cr.hrs.

15 cr.hrs.

Total: ARCH 2: 33 cr.hrs. (all students)

Environmental Design Architecture Option Total EVAR3 + EVAR4:

66 cr.hrs. (ED students)

69 cr.hrs. (PM 1 + PM 2 + Adv. Std. Students)

ARCH 3: March Professional Degree Advanced Professional Studies

ARCH 3: Fall Term - MArch 1

ARCH 7XXX Arch Studio 5 & Comprehensive Program Report, 9 cr.hrs.
ARCH 7XXX A01 Advanced Technology Topics 1, 1.5 cr.hrs.
ARCH 7XXX A01 Research Topics: History and Theory 1, 1.5 cr.hrs.
ARCH 7XXX Professional Practice, 3 cr.hrs.

15 cr.hrs.

ARCH 3: Winter Term - MArch 1

ARCH 7XXX Arch Studio 6, 9 cr.hrs.
ARCH 7XXX A02 Advanced Technology Topics 1, 1.5 cr.hrs.
ARCH 7XXX A02 Research Topics: History and Theory 1, 1.5 cr.hrs.
ARCH 7XXX Legal Aspects of Architectural Practice, 3 cr.hrs.

15 cr.hrs.

Total: ARCH 3: 30 cr.hrs. (all students)

ARCH 4: Fall Term - MArch 2

ARCH 7XXX Design Research Studio, 9 cr.hrs.
ARCH 7XXX A01 Advanced Technology Topics 2, 1.5 cr.hrs.
ARCH 7XXX A01 Research Topics: History and Theory 2, 1.5 cr.hrs.

12 cr.hrs.

ARCH 4: Winter Term - MArch 2

GRAD 7XXX Design Thesis, 0 cr.hrs.
ARCH 7XXX Technology Thesis Report, 3 cr.hrs.
ARCH 7XXX A02 Advanced Technology Topics 2, 1.5 cr.hrs.
ARCH 7XXX A02 Research Topics: History and Theory 2, 1.5 cr.hrs.

6 cr.hrs.

Total: ARCH 4: 18 cr.hrs. (all students)

Total: MArch Professional Degree: 48 cr.hrs.

Course Descriptions:

ARCH 1: EVAR 3, PM 1

EVAR 3XXX Arch Studio 1: 9 (F)

An architectural study of the human condition in relation to the natural and built environment, through design oriented research, exploration, analysis, evaluation and interpretation of a selected subject of inquiry. Various ways of seeing and making are applied as tools for critical thinking to align content with modes of representation.

EVAR 3XXX Arch Studio 2: 9 (W)

Building upon first term explorations, architectural propositions are developed that seek to clarify relations between human inhabitation and the physical environment in a regional context. Design principles influenced by programmatic, theoretical, historical, technological, material and environmental criteria are examined.

EVAR/X 3XXX Arch Tech 1 - Structural and Sustainable Use of Materials: 3 (F)

Construction materials and structural theory in the analysis and design of simple wood-frame, masonry and light steel construction; fundamental passive energy systems and design strategies for material and energy reduction.

EVAR/X 3XXX Arch Tech 2 - Building Construction, Structures and Envelopes: 3 (W)
 Architectural, environmental and technical aspects of construction focusing on low-rise and medium sized wood, steel and masonry construction including issues of: material production/manufacturing, soils, foundations, envelope systems, basic mechanical systems and their integration and acoustic concerns.

EVAR/X 3XXX Pre-Modern Architectural History and Theory I: 3 (F)
 Provides a historical and theoretical understanding of early Greek, Roman, Gothic and non western architectural topics and their influence. Content is explored using primary texts where possible, and through critical analysis of selected topics.

EVAR/X 3XXX Pre-Modern Architectural History and Theory II: 3 (W)
 Provides a historical and theoretical understanding of Gothic and Renaissance architectural topics and their influence, up to the work of Claude Perrault. Content is explored using primary texts where possible, and through critical analysis of selected topics.

EVAR/X 3XXX Drawing - Freehand/Digital: 3 (F) (PM+Adv Std)
 (for advanced standing and pre-masters students only)
 An introduction to drawing skills that allows students to become articulate in proposing and studying architecture through drawing. The course covers a range of media.

X Elective: 3 (F or W, ED's)

EVAR/X 3XXX Arch Tech Prep – Structural Concepts: 3 (prior to F)
 (Block course prior to Fall term - for advanced standing and pre-masters students)
 A preparatory block course introducing the fundamentals of structural concepts in architecture that prepares students for the foundation technology courses in architecture.

ARCH 2: EVAR 4, PM 2

EVAR 4XXX Arch Studio 3: 9 (F)
 This studio focuses on the broader cultural implications of social interaction and the collective inhabitation of the built and natural environments. Architectural design explorations are influenced by a thorough examination of programmatic, theoretical, historical, technological, material and environmental criteria.

EVAR 4XXX Arch Studio 4: 9 (W)
 The previous term's investigations are developed and synthesized into a comprehensively designed environment. Architectural propositions seek to clarify specific relations between details and the overall design, through the integration of complex social, cultural, programmatic, theoretical, historical, technological, material and environmental principles, systems and criteria.

EVAR/X 4XXX Arch Tech 3 – Building Systems: 3 (F)
 Integrated building systems focusing on multi-story steel and concrete construction including: passive and active heating, cooling, and ventilation methods, strategies and designs; electrical, water, communication, security, fire protection, and vertical transportation systems; and building code constraints.

EVAR 4XXX Arch Tech 4: Comprehensive Design Technology Report: 3 (W)
 A technical knowledge project-based course integrating with Arch Studio 4. Comprehensive technology issues include: site; material; energy; structures; construction; sustainability; environmental factors; building code; life safety. Student's work will include analysis, technical drawings and calculations.

EVAR/X 4XXX Modern Architectural History and Theory I: 3 (F)
 Provides a theoretical and historical understanding of the origins of modernity in architecture. Content is explored using primary texts where possible, and through critical analysis of selected topics.

EVAR/X 4XXX Modern Architectural History and Theory II: 3 (W)
 Provides a theoretical and historical understanding of 20th century topics in architecture (western and non-western). Content is explored using primary texts where possible, and through critical analysis of selected topics.

X Elective: 3 (F or W)

ARCH 3: MARCH 1

ARCH 7XXX Arch Studio 5 and Comprehensive Program Report: 9 (F)
Develop design explorations that seek to clarify relations between architectural criteria and the urban/natural environments in national or international contexts. Conceptual, programmatic, material, technological, economic and political principles and systems employed are to be evident in the Comprehensive Program Report.

ARCH 7XXX Arch Studio 6: 9 (W)
The previous terms investigations are further developed into a comprehensive architectural design proposal. The thorough integration of design and programming criteria, with building and environmental systems and assemblies are examined.

ARCH 7XXX Advanced Technology Topics 1 (A01 + A02) 1.5 each(F &/OR W)
Two five-week seminar and/or project-based topics offering in-depth study of advanced building systems, technology and methods. Options are grounded in faculty research and build upon foundation technology courses. Some topics may be deemed mandatory at the departments' discretion. Topics may be taken in the fall and/or winter terms.

ARCH 7XXX Research Topics: History and Theory 1 (A01 + A02) 1.5 each(F &/OR W)
Two five-week lecture, seminar and/or project-based topics offering an in-depth study of an historical and/or theoretical subject. Options are grounded in faculty research and build upon foundation history/theory courses. Some topics may be deemed mandatory at the departments' discretion. Topics may be taken in the fall and/or winter terms.

ARCH 7XXX Professional Practice: 3 (F)
Is concerned with the duties and responsibilities of an architectural practice; its divisions, office organization and administration, in Manitoba and Canada. The lectures relate in scope and standard to current models of practice and their requirements, including issues of building economics and construction cost control.

ARCH 7350 Legal Aspects of Architectural Practice: 3 (W)
Discusses the importance of the knowledge of law as it relates to professional practice of architecture, including a discussion of the historical development of legal responsibilities of a practicing professional generally and of architects specifically. There is also discussion of trends in the development of professional responsibilities and liability.

ARCH 4: MARCH 2

ARCH 7XXX Design Research Studio: 9 (F)
This final design studio involves concerted research and design explorations of an individually defined subject of inquiry, within a selected studio thematic focus. These investigations are intended to prepare students for their final Design Thesis.

GRAD 7XXX Design Thesis: 0 (W)
The Design Thesis is an independently driven creative work developed within a focused subject of inquiry and directed by architectural questions. It is carried out through intensive research, study, and design explorations that culminate in a thoroughly developed architectural proposition. It is to be fully recorded in a final document.

ARCH 7XXX Advanced Technology Topics 2 (A01 + A02) 1.5 each(F &/OR W)
Two five-week seminar and/or project-based topics offering in-depth study of advanced building systems, technology and methods. Options are grounded in faculty research and build upon foundation technology courses. Some topics may be deemed mandatory at the departments' discretion. Topics may be taken in the fall and/or winter terms.

ARCH 7XXX Research Topics: History and Theory 2 (A01 + A02) 1.5 each(F &/OR W)
Two five-week lecture, seminar and/or project-based topics offering an in-depth study of an historical and/or theoretical subject. Options are grounded in faculty research and build upon foundation history/theory courses. Some topics may be deemed mandatory at the departments' discretion. Topics may be taken in the fall and/or winter terms.

ARCH 7XXX Technology Thesis Report: 3 (W)
Technology Thesis Report is an advanced project-based course done in conjunction with the Design Thesis project. The report is related to an individual students design thesis topic, focusing on specific aspects of technology and applied technological research. Advisor supervision and external engineering consultancy or agreed equivalent are required.

Equivalent courses for students migrating from the old into the new curriculum:

This list runs through all the levels that might affect students in the architecture department who are moving from the Environmental Design (EVDS) program into the architecture option (EVAR), and from the Pre-Masters Qualifying (PMQ) and Pre-Masters Regular (PMR), through to the Masters students. With each section is a guide to the number of students who might be affected based on previous years experience. These measures are for students who have failed courses or who are returning after a two-year or less leave from the program. While we acknowledge the requirement to grandfather the old curriculum for these students, the new curriculum is so much more attractive to students that we do not anticipate students wanting to take the old curriculum. We propose the following alternative for students to elect into in place of the grandfathered old curriculum.

For most of the old courses there is a like for like equivalent, as listed below. There are some typical anomalies and some particular ones that are listed, where special arrangements will be made.

Typical anomalies:

The typical conditions relate to History and Theory courses and Studio. In the existing curriculum there was a pedagogical position to teach History and Theory as separate courses. In the new proposed curriculum the reverse is true and they are integrated into the same course as well as making theory a more important component of Studio. In EVDS when a student in 07/08 fails a History or a Theory course they will retake it as the combined History and Theory course in 08/09. If they fail both their History and their Theory courses in 07/08 they will take the new History and Theory course and a special topics course covering the material they have already failed (see list below).

In the new curriculum the Studios are nine credit hours where currently Studios are six credit hours. If a student has failed a Studio in 07/08 and needs to retake it in 08/09 they will have to take a new Studio with reduced input/workload to reflect the reduction from nine to six credit hours. They will get the equivalent of the current Studio. If they are a returning student (with no outstanding failed courses) who has a Studio and a History and a Theory course to complete they will be at liberty to take a six credit hour Studio and separate History and Theory courses. Our advice, however, would be for them to opt into the new curriculum and take a nine credit hour studio and a three credit hour combined History and Theory course.

Particular anomalies:

These will be pointed out with solutions in the schedule below.

Schedule of proposed equivalent courses: With existing courses on left and new proposed courses on right.

For students moving from the current EVDS 2 to the new architecture option EVAR 4 (current EVAR 3) who have failed an EVDS 2 course we propose the following equivalent courses from the new EVAR 3 architecture option (current EVDS 2). This is where there have been the most student problems in the past, with around 15% of students having one or more courses outstanding. 07/08 EVDS 2 students who have failed a course and want to go into the architecture option would retake on the following schedule - all new courses have the prefix EVAR 3XXX prior to being given numbers:

07/08 EVDS 2	Existing Course names	08/09 EVAR 3 Retake new proposed courses
EVDS.2610	Theory of Design 3	Pre-Modern Arch. Hist. + Theory 1
EVDS.2690	Design since 1800	As above unless 2610 has also been failed-then special replacement course
EVDS.2620	Theory of Design 4	Pre-Modern Arch. Hist. + Theory 2

EVDS.2630	Design Studio 3	Arch. Studio 1 (but as 6 credit hours)
EVDS.2640	Design Studio 4	Arch. Studio 2 (but as 6 credit hours)
EVDS.2650	Comm.+Info. Tech. 2	Special replacement course (now covered in studio)
EVDS.2670	Environmental Controls	Arch. Tech. 1
EVDS.2700	Con. Mat. & Assem. 3	Arch. Tech. 2

Students who fail a course or studio in 07/08 **EVAR 3** architecture option will retake on the basis of the following schedule in 08/09. From previous experience this might affect three to six students. All the new courses have the prefix EVAR 4XXX prior to being given numbers:

07/08 EVAR 3	Existing Course names	08/09 EVAR 4 Retake new proposed courses
EVAR.3680	Design Studio 5	Arch. Studio 3 (but as 6 credit hours)
EVAR.3690	Design Studio 6	Arch. Studio 4 (but as 6 credit hours)
EVAR.3560	Technology 4	Arch. Tech. 3
EVAR.3570	Technology 5	Special course (same as that which replaces ARCH.6510 Integrated Envir. Syst. below)
EVAR.3330	Canadian Architecture	Modern Architecture
EVAR.3470	Process, Method, Theory 1	History and Theory 1
		As above unless both 3330 and 3470 are failed, in which case one will be covered by the above and the other will be covered by a special course
EVAR.3700	History of Modern Arch.	Modern Architecture
EVAR.3480	Process, Method, Theory 2	History and Theory 2
		As above unless both 3700 and 3480 are failed, in which case one will be covered by the above and the other will be covered by a special course

PMQ students who fail a studio or course in 07/08 will retake it in 08/09 on the basis of the following schedule. On past experience there is a very low chance of any students falling into this category. All the new courses have the prefix EVAR.3XXX prior to being given numbers.

07/08 PMQ	Existing Course names	08/09 Retake (from new EVAR 3 courses)
ARCH.6380	Studio 1	Arch. Studio 1 (but as 6 credit hours)
ARCH.6532	Drwg. As Making	Special course
ARCH.6320	Gen. Hist. of Arch.	Pre-Modern Arch. Hist. + Theory 1
ARCH.6480	Struc. Concepts in Arch. 1	Arch. Tech. Prep.
ARCH.6520	Lighting + Acoustics	Arch. Tech. 2
ARCH.6390	Studio 2	Arch. Studio 2 (but as 6 credit hours)
ARCH.6430	Tectonic Precedents	Pre-Modern Arch. Hist. + Theory 2
ARCH.6530	Bld. Science 1	Arch. Tech. 1
ARCH.6370	Comp. Aid Draft.	Drawing – Freehand/Digital

PMR students who fail a studio course in 07/08 will retake it in 08/09 on the basis of the following schedule. On past experience there is a very low chance of any student falling into this category. All the new courses have the prefix EVAR.4XXX prior to being given numbers.

07/08 PMR	Existing Course names	08/09 Retake (from new EVAR 4 courses)
ARCH.6400	Studio 3	Arch. Studio 3 (but as 6 credit hours)
ARCH.6410	Studio 4	Arch. Studio 4 (but as 6 credit hours)
ARCH.6500	Bldg. Science 2	Arch. Tech. 3

ARCH.6510	Integrated Envir. Syst.	Special course (same as that which replaces EVAR.3570 Technology 5 above)
ARCH.6470	Canadian Architecture	Modern Architecture
ARCH.6450	Inquiry by Design	History and Theory 1
		As above unless both 6470 and 6450 are failed, in which case one will be covered by the above and the other will be covered by a special course
ARCH.6460	History of Modern Arch.	Modern Architecture
		History and Theory 2
ARCH.6440	Cult. Theory of Arch.	As above unless both 6460 and 6440 are failed, in which case one will be covered by the above

Graduate students in M1 and M2 who fail a course or studio in 07/08 will retake it in 08/09 as in the following schedule. Failures are rare in most of these studios and courses, as insufficient quality or volume of work is often dealt with by C/Os or incomplete grades as appropriate. There is often a fail in Legal Aspects and/or in Structures. All new courses have the prefix ARCH.7XXX prior to being given numbers, unless otherwise specified.

07/08 M1 and M2 Existing Course names		08/09 Retake from new M1 and M2 courses
ARCH.7340	Professional Practice	Professional Practice
ARCH.7350	Legal Aspects	Legal Aspects
ARCH.7360	Program Prep.	Program Report part of
		Arch Studio 5 (3 credit hours)
ARCH.7550	Studio 5	Arch Studio 5 without Program
		report (6 credit hours)
ARCH.7560	Studio 6	Arch Studio 6 (but as 6 credit hours)
ARCH.7570	Studio 7	Design Research Studio
		(but as 6 credit hours)
ARCH.7580	Cont. Theory and Crit.	Research Topics: Hist. +Theory 1
ARCH.7590	Urbanism	Research Topics: Hist. +Theory 2
ARCH.7610	Struc. Concepts in Arch. 2	Advanced Tech. Topics 1: Special course
ARCH.7600	New Building	Advanced Tech. Topics 2
GRAD.7010	Comprehensive Exam	GRAD.7XXX Design Thesis
		and a special Comprehensive Report

To:

From: Wayne Simpson,
Head, Department of Economics

Re: Changes to graduate programs in Economics

May 11, 2007

Attached are materials related to a series of changes we propose for our MA and PhD programs.

Our graduate programs underwent external review during 2005. During the 2005/06 academic year, members of the Department formulated the response to reviewers' comments and suggestions for improvement. As a result, Department Council passed a series of motions describing desired changes to the MA and PhD programs. We now wish to implement the changes embodied in the motions.

Taken as a package, the changes will not increase the resources required for the Department to administer its graduate programs. In fact, the Department entered the restructuring exercise with the idea that resources, particularly teaching resources, devoted to administering our graduate programs would remain constant at the average level established over the past few years. With this in mind, the Department formulated changes that could be implemented without necessitating additional resources to administer our graduate programs.

The full set of proposed changes is:

- Eliminate 6 credits of graduate level courses.
- Require MA students to take all but six of their required credits at the 7000-level. (Previously, MA thesis students were only required to take a minimum of six credits at the 7000-level, while MA comprehensive examination students were only required to take a minimum of 12 credits at the 7000-level; students could take all remaining credits at 3000- and 4000-level.) This change would be consistent with economics MA program requirements throughout Canada.
- Eliminate the comprehensive examination route to an MA degree, and replace it with a non-thesis route consisting of coursework and a guided research project. **A proposal describing the details of this change is included in the attached bundle.**
- Require MA thesis students to prepare and publicly defend a formal thesis proposal prior to completing their thesis. (Previously, there was no departmental policy on MA thesis proposals.)
- Change the PhD core required courses as follows:

1. add three required credits of graduate-level econometrics. (Previously, we may have been the only PhD program in North America that did not require students to complete any econometrics coursework, even though this is the standard research tool of the discipline.)
 2. reduce the economic history and history of economic thought requirements to three graduate-level credits of one or the other. (Previously, PhD students were required to complete six credits of history of economic thought as well as three to six credits of economic history.)
 3. add three required credits of graduate-level coursework in heterodox economics. (Previously, there was no requirement that students take any heterodox economics during their PhD program.)
- Change the PhD field requirements as follows:
 1. reduce the number of fields of specialization offered from 15 to five. The five fields of specialization will be applied econometrics, applied microeconomics, heterodox economics, agricultural economics, and economic development. PhD students will still be required to select two fields and complete six credits of graduate-level coursework in each of their chosen fields. (Previously, courses for most of the 15 field "options" were rarely offered, so what was in our program description was not an accurate reflection of students' options.)
 2. eliminate the PhD candidacy examinations in fields of specialization, and replace them with a required field research paper. This change is intended to modernize our program relative to others in North America; the result will be that PhD students will learn to apply their field studies to conducting research, as they will need to know how to do in their careers. (Previously, PhD students took two rounds of candidacy examinations; after the first year of studies, they sat for candidacies in micro-and macro-economic theory, and after their next year of studies they sat for candidacies in each of their fields of specialization.) Under this change, the candidacy examinations in micro-and macro-economic theory will be retained.
 - Introduce new courses for the PhD fields in applied econometrics, heterodox economics, and applied microeconomics.

It is important to note that

the introduction of these courses does not increase the resourcing needs of the Department's graduate programs; this is because the Department will offer the same number of graduate-level courses annually that it has in recent years.

- Require PhD students to develop and publicly defend a formal PhD thesis proposal. (Previously, there was no departmental policy on this subject, and practice by advisors varied widely.) This change should lead to better supervision of PhD students and more focused research by PhD students across the board.

To:

From: Wayne Simpson, Head
Department of Economics

Re: Reconfiguration of non-thesis MA degree requirements

May 11, 2007

Proposal:

The Department of Economics proposes to eliminate its comprehensive examination route in the MA program and introduce a non-thesis route consisting of coursework and a capstone research course.

Background:

The Department currently offers a thesis route to an MA degree as well as a non-thesis route to an MA degree. The current version of the non-thesis route consists of 27 credits of coursework plus a comprehensive examination. The comprehensive examination consists of a research paper (typically a reworked term paper from a course), a written examination, and an oral examination if needed to determine the outcome of the overall exam. This set of materials comprising the examination is assessed by a 3-member committee from the department. Each student has a different committee. The committee generally evaluates the student's performance on the components of the examination rather than providing guidance as the student prepares the components of the examination.

Rationale:

Recently, the graduate program in the Department of Economics underwent external review. One of the reviewers' leading recommendations pertained to the MA comprehensive examination route. The reviewers stated:

The Manitoba program is unusual in having comprehensive examinations at the MA level. It is unusual to have the combination of oral and written examinations and it is unusual to have a committee for each student. It is also unusual to combine examinations in fields at the MA level. That this is a very resource intensive process to examine MA students is recognized in the department, but its academic justification is not clear to us. Most departments in Canada rely on grades in MA courses as the primary or only index of student success. The committee suggests that the Department consider whether moving away from comprehensive

exams toward the use of grades in graduate courses might have substantial benefits to the department at essentially no cost to students. [Report of the Review Committee of the Graduate Program in Economics; May 17, 2005; p. 5.]

An examination of economics MA programs in Canada confirms the reviewers' statement that the comprehensive examination at the MA level in economics is unusual. The table below lists the components of Canadian *non-thesis* routes to MA degrees in economics.

	Coursework only	Coursework + oral examination	Coursework + supervised research paper	Coursework + essay course
Carleton	X		X	
Concordia			X	
McGill			X	
McMaster	X			
Memorial				X
Queen's		X	X	
Simon Fraser	X		X	
UBC				X
Guelph			X	
UNB-Fredericton			X	
Ottawa			X	
Saskatchewan			X	
Toronto	X			
U of Victoria			X	
Waterloo	X		X	
Western Ontario				X
Windsor	X			
York	X			

Note: Supporting documentation to this table available upon request.

In summary, no other Canadian economics MA program has a comprehensive examination route. The only programs that have anything remotely similar are: (1) Queen's, where one of the two non-thesis options consists of coursework plus an *oral* examination; and (2) University of Victoria, where the research project requires an oral defense. Additionally, many programs in Canada have a required research project, and that project is almost always supervised either by a supervisor or by the instructor of a required research course.

Along with this, an increasing concern in the department has been whether the research paper component of the existing comprehensive examination is adequately developing students' research skills. The largely unsupervised nature of the paper has, in recent years, resulted in papers that were assessed as unsatisfactory. The department believes

that students' education will improve if greater supervision is provided during the development of the paper.

Therefore, to address both the reviewers' suggestion and internal concerns about quality of education, the Department proposes to replace the existing comprehensive examination route to the MA degree with a route consisting of coursework to include a course in which non-thesis MA students will complete a research project with the instructors' guidance.

Description and implications of the new non-thesis route:

The new non-thesis route would share the old comprehensive examination route's requirement for 27 credits of coursework. A required course would be the newly introduced research course. In this course, students will complete a research project on a topic of their choosing. They will learn about the research process (methods courses teaching empirical techniques are separate), they will receive ongoing feedback from the instructor, and they will discuss each other's research and provide input to fellow students in an intensive seminar style.

Essentially, the only thing that is changing under this proposal is the comprehensive examination is being converted to a research course.

The resource implications of this proposal should net out positive for the department. Under separate graduate program changes, the number of PhD fields and thus the number of PhD field courses is decreasing, generating resources to teach the new MA research course. Department-wide, there will be less of an administrative burden on department members as the time consuming process of evaluating students' comprehensive examinations will no longer be necessary.

Of primary importance, our non-thesis MA route will be brought into line with other programs in Canada, and it is expected that non-thesis MA graduates will leave the department with improved research abilities.

Preamble

The Programs and Planning Committee (PPC) of the Faculty of Graduate Studies has the responsibility of reviewing course deletions, modifications, and introductions and makes recommendations to FGS Executive. PPC held a meeting on Oct. 19, 2007 and made the following recommendations:

C. COURSE CHANGES

C.1. Department of Interior Design, Faculty of Architecture

One (1) INTRODUCTION

IDES.7XXX

Graduate Seminar

3

"A seminar course for Masters of Interior Design students designed to assist in the development of critical writing skills, and the synthesis and integration of research into design thinking and writing."

Total Introductions and net change in credit hours

+3

Observations

The new course will address the development of appropriate graduate level writing skills. A pass/fail grade will apply to this subject.

Recommendation C.1

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the course introduction of the Department of Interior Design, Faculty of Architecture.

C.2. Dept. of Economics, Faculty of Arts

Two (2) DELETIONS

ECON.7680	Post-Keynesian and Marxian Macroeconomics	(3)
-----------	---	-----

ECON.7750	Marxian and Neo-Ricardian Microeconomics Theory	(3)
-----------	--	-----

<i>Total Deletions</i>		(6)
------------------------	--	-----

Eleven (11) INTRODUCTIONS

ECON.7AAA	Advanced Development Economics	3
-----------	--------------------------------	---

"Introduction to development economics at the graduate level. A core objective is to provide breadth in terms of the coverage of salient topics in economic development and rigor in terms of the level of analysis. The course presumes a substantive background in the basic tools of economic analysis. This is a required course for doctoral students who intend to make development economics one of their field specializations."

ECON.7AAB	Topics in Development Economics	3
-----------	---------------------------------	---

"A generic course title intended to accommodate various topics in development economics. The specific topics will be chosen by the instructor."

ECON.7AB0	Econometrics I	3
	<i>"An advanced course in estimation and hypothesis testing in the classical regression model with empirical exercises using economic data. Topics covered may include: asymptotic distribution theory; inference; testing and imposing linear restrictions; specification error; multicollinearity; nonlinear estimation; measurement error; serial correlation; heteroskedasticity; maximum likelihood estimation; and limited dependent variables."</i>	
ECON.7AB0	Econometrics II	3
	<i>"This course examines econometric methods beyond the classical regression model. Topics covered may include: estimation and testing with panel data; multiple equation models; generalized method of moments; time-series models and analysis; limited dependent variables; and computationally intensive methods."</i>	
ECON.7DB0	Topics in Applied Microeconomics I	3
	<i>"Advanced study in a selected topic in applied microeconomics. Topics to be covered in rotation include, but are not limited to, labour economics, health economics, public finance, industrial organization, international trade, environmental economics, evaluation of public policy production economics, and applied game theory."</i>	
ECON.7DC0	Topics in Applied Microeconomics II	3
	<i>"Advanced study in a selected topic in applied microeconomics. Topics to be covered in rotation include, but are not limited to, labour economics, health economics, public finance, industrial organization, international trade, environmental economics, evaluation of public policy production economics, and applied game theory. Prerequisite: ECON.7720 (Microeconomic Analysis I)."</i>	

ECON.7EF0	Topics in Applied Econometrics	3
	<i>"Applications of econometric analysis to contemporary topics in microeconomics and/or macroeconomics. Pre-requisite: ECON.7AB0 and ECON.7CD0."</i>	
ECON.7rw0	M.A. Research Workshop	3
	<i>"An examination of research methodology to assist students in understanding the process of research in Economics. Students will complete a research project under direct supervision. This is a required course for students in the M.A. by course work. Pre-requisite: permission of department head."</i>	
ECON.7XXX	Advanced Heterodox Theory	3
	<i>"This course is a review and examination of heterodox economic theory. Core topics include the theory of capitalist production, effective demand and economic fluctuations, growth and accumulations, crisis theory, and the state and economics policy."</i>	
ECON.7XXY	Topics in Heterodox Economics I	3
	<i>"Selected study of advanced work in a selected field of heterodox economics."</i>	
ECON.7XXZ	Topics in Heterodox Economics II	3
	<i>"Selected study of advanced work in a selected field of heterodox economics."</i>	
Total Introductions		+33

Net change in credit hours

+27

===

Observations

The course changes are related to a series of changes that the Dept. of Economics is proposing for its M.A. and Ph.D. programs. The initiation of the changes stems from the unit's graduate program review of 2005. Please refer to Section B.4 on Attach. 3, as well as **Attach. B.4.**

The Dept. of Economics anticipates deleting more courses in the future as part of its plans to restructure the Economics graduate programs.

Recommendation C.2

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the course deletions and introductions of the Dept. of Economics, Faculty of Arts.

C.3. Dept. of German & Slavic Studies, Faculty of Arts

Four (4) DELETIONS

UKRN.7300	Selected Topics in Ukrainian Literature	(3)
UKRN.7360	Seminar in Contemporary Ukrainian Literature	(3)
UKRN.7500	Studies in Ukrainian Modernism	(3)
UKRN.7530	Special Topics in Ukrainian Studies	(3)
<i>Total deletions</i>		(12)

Four (4) INTRODUCTIONS

SLAV.7AAA	Selected Topics in Slavic Literatures	3
	<i>"Seminar discussion of various problems in Slavic literatures as related to the students' field of research."</i>	
SLAV.7AAB	Seminar in Contemporary Slavic Literature	3
	<i>"Selected problems in contemporary Slavic literatures as related to the students' field of research."</i>	
SLAV.7AAC	Studies in Modernism	3
	<i>"A study of the representative works of modernism in Slavic countries with a focus on the years 1890-1930. The styles and movements that characterized the period will be examined. References will be made to the art of the period."</i>	
SLAV.7AAD	Special Topics in Slavic Studies	3
	<i>"A independent study course in Slavic literatures, cultures, or folklore. Topics will be selected to meet students' research or study interests."</i>	
<i>Total Introductions</i>		<hr/> +12 <hr/>
<i>Net change in credit hours</i>		<hr/> 0 <hr/>

Observations

The course changes are part of a proposal to modify the Ukrainian M.A. into a Slavic M.A.
Please refer to Section B.3. ~~previous section~~

pg. 735

Recommendation C.3

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the course deletions and introductions of the Dept. of German & Slavic Studies, Faculty of Arts.

C.4. Dept. of History, Faculty of Arts

Two (2) INTRODUCTIONS

HIST.7EEE	Selected Topics in British History	6
------------------	---	----------

"A detailed examination of selected topics and problems in British history. Topics and content will vary from year to year."

HIST.7XXX	Imperialism, Decolonization and Neo-Colonialism 1700-Present	6
------------------	---	----------

"An exploration of theoretically informed literature that has attempted to engage with and understand Imperialism and Colonialism, Anti-colonial nationalism, National liberation movements, and Neo-Colonialism."

<i>Total Introductions and net change in credit hours</i>	<i>+12</i>
--	-------------------

Observations

The course introductions serve to accompany and complement the fourth year undergraduate courses on the same subject and with the same title for graduate level students. As History seminars are usually joint honours/graduate seminars, a concrete graduate course and number

Report of the Programs and Planning Committee of the Faculty of Graduate Studies on course changes from its meeting on Oct. 19, 2007.

on the books will serve to avoid multiple sections being offered (as they are currently indistinguishable in Aurora.)

Recommendation C.4

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the course introductions in the Dept. of History, Faculty of Arts.

C.5. Dept. of Political Studies, Faculty of Arts

One (1) DELETION

POLS.7120	Politics of Modernization	(6)
		<hr/>
<i>Total Deletions</i>		(6)

One (1) INTRODUCTION

POLS.7YGG	Strategic Human Resource Management in Government	3
		<hr/>
		<i>"A study of the human resource management functions, including planning, staffing, training, performance management, compensation and labour relations, in ways that optimize organizational performance. This course will also address contemporary challenges including recruitment and retention, managing change, demographic shifts, and information technology."</i>
		<hr/>
<i>Total Introductions</i>		+3
		<hr/>
<i>Net change in credit hours</i>		(3)
		<hr/> <hr/>

Observations

The course being deleted has not been offered for many years.

The introduction serves to provide a course for students in the MPA and MA programs, as there currently is no course offered in human resources – the people component in government and the civil service.

Recommendation C.5

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the course introductions in the Dept. of Political Studies, Faculty of Arts.

C.6. Dept. of Religion, Faculty of Arts

Ten (10) DELETIONS

RLGN.7000	Seminar in the History of Religions	(6)
RLGN.7010	Seminar in Religion and Culture	(6)
RLGN.7040	Seminar in Biblical Religions	(6)
RLGN.7050	Seminar in the History of Christian Thought	(6)
RLGN.7060	Seminar in Comparative Religion	(6)
RLGN.7070	Seminar in Religions in the Modern World	(6)
RLGN.7090	Seminar in Hinduism	(6)

RLGN.7100	Seminar in Reformation History	(6)
RLGN.7110	Seminar in Christian Origins	(6)
RLGN.7120	Seminar in the History of Christianity	(6)
<i>Total Deletions</i>		(60)

Nineteen (19) INTRODUCTIONS

RLGN.7XXA	Seminar in Hinduism	3
	<i>"An advanced study of select aspects of the Hindu tradition."</i>	
RLGN.7XXB	Seminar in Buddhism	3
	<i>"An advanced study of select aspects of the Buddhist tradition."</i>	
RLGN.7XXC	Seminar in Islam	3
	<i>"An advanced seminar in the study of Islam."</i>	
RLGN.7XXD	Seminar in Judaism	3
	<i>"An advanced seminar in the study of Judaism."</i>	
RLGN.7XXF	Seminar in Formative Christianity	3
	<i>"Advanced studies in selected aspects of formative Christianity."</i>	
RLGN.7XXG	Seminar in Early Modern, Modern, and Contemporary Christianity	3

"Advanced studies in developments of Western Christianity since 1500."

RLGN.7XXH Seminar in Religion and Philosophy 3

"Examination of the relation between religion and philosophy through selected figures and themes."

RLGN.7XXI Seminar in Religion and Psychology 3

"Examination of selected developments in Psychology and Religion and/or in psychoanalysis and the study of Religion."

RLGN.7XXJ Studies in Religious Concepts and Practices 3

"Advanced study of selected religious concepts and practices topics."

RLGN.7XXK Seminar in Religions and Historiography 3

"Advanced studies in the interactions among specific religious traditions, ideologies, and historiography."

RLGN.7XXL Thesis Seminar 3

"Exploration of a range of academic writing techniques and of their theoretical aspects."

RLGN.7XXM Textual Studies in Original Languages 3

"Close study of primary texts in their original languages."

RLGN.7XXN Research Seminar 3

"Study of selected theoretical and methodological issues in the study of religion."

RLGN.8XXO	Seminar in Hinduism	3
	<i>"Critical study of selected aspects of the Hindu tradition."</i>	
RLGN.7XXP	Seminar in Christianity	3
	<i>"Critical study of selected historical and/or theoretical issues in selected period of Christianity."</i>	
RLGN.8XXQ	Seminar in Islam	3
	<i>"Selected issues in the study of Islam."</i>	
RLGN.8XXR	Seminar in Buddhism	3
	<i>"Study of selected issues, traditions, and texts in the development of Buddhism."</i>	
RLGN.7XXS	Seminar in Religion and Culture	3
	<i>"Study of selected religion-and-culture figures, issues, or themes."</i>	
RLGN.8XXT	Seminar in Judaism	3
	<i>"Selected issues in the study of Judaism."</i>	—
Total Introductions		+57
		—
Net change in credit hours		(3)
		==

Observations

All 6 credit hour offerings are to be replaced with 3 credit hour courses, as the department does not have the faculty resources to offer 6 credit hour graduate courses.

Some of the PhD level courses are assigned with an 8000 level suffix so as to distinguish them from the Master's level courses with the same titles.

Recommendation C.6

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the course deletions and introductions in the Dept. of Religion, Faculty of Arts.

C.7. Dept. of Architecture, Faculty of Architecture

Twenty-seven (27) DELETIONS

ARCH.6320	General History of Architecture	(3)
ARCH.6370	Computer-Aided Design	(3)
ARCH.6380	Studio One	(6)
ARCH.6390	Studio Two	(6)
ARCH.6400	Studio Three	(6)
ARCH.6380	Studio Four	(6)
ARCH.6532	Drawing as Making	(3)
ARCH.6420	Behaviour in Design	(3)

ARCH.6430	Tectonic Precedents	(3)
ARCH.6440	Cultural Theory in Architecture	(3)
ARCH.6450	Inquiry by Design	(3)
ARCH.6460	History of Modern Architecture	(3)
ARCH.6470	Canadian Architecture	(3)
ARCH.6480	Structural Concepts in Architecture 1	(3)
ARCH.6500	Building Science 2	(3)
ARCH.6510	Integrated Environmental Systems	(3)
ARCH.6520	Lighting and Acoustics	(3)
ARCH.6530	Building Science 1: Making Architecture	(3)
ARCH.7340	Professional Practice	(3)
ARCH.7360	Program Preparation	(3)
ARCH.7550	Studio Five	(6)
ARCH.7560	Studio Six	(6)
ARCH.7570	Studio Seven	(6)

ARCH.7580	Contemporary Theory and Criticism in Architecture (& Urban Design)	(3)
ARCH.7590	Urbanism	(3)
ARCH.7610	Structural Concepts in Architecture 2	(3)
ARCH.7600	New Building	(3)
ARCH.6380	Studio One	(3)
<i>Total Deletions</i>		<hr/> (105)

Ten (10) INTRODUCTIONS

ARCH.7XXX	Arch Studio 5 and Comprehensive Program Report	9
	<i>"Develop design explorations that seek to clarify relations between architectural criteria and the urban/natural environments in national or international contexts. Conceptual, programmatic, material, technological, economic, and political principles and systems employed are to be evident in the Comp. Prog. Report."</i>	
ARCH.7XXX	Arch Studio 6	9
	<i>"The previous term's investigations are further developed into a comprehensive architectural design proposal. The thorough integration of design and programming criteria, with building and environmental systems and assemblies are examined."</i>	
ARCH.7XXX	Advanced Technology Topics (A01 + A02)	3

"Two five-week seminar and/or project-based topics offering in-depth study of advanced building systems, technology, and methods. Options are grounded in faculty research and build upon foundation technology courses. Some topics may be deemed mandatory at the department's discretion. Topics may be taken in the fall and/or winter terms."

ARCH.7XXX Advanced Technology Topics 2 (A01 + A02) 3

"Two five-week seminar and/or project-based topics offering in-depth study of advanced building systems, technology, and methods. Options are grounded in faculty research and build upon foundation technology courses. Some topics may be deemed mandatory at the department's discretion. Topics may be taken in the fall and/or winter terms."

ARCH.7XXX Research Topics: History and Theory (A01 + A02) 3

"Two five-week lecture, seminar and/or project-based topics offering an in-depth study of an historical and/or theoretical subject. Options are grounded in faculty research and build upon foundation history/theory courses. Some topics may be deemed mandatory at the department's discretion. Topics may be taken in the fall and/or winter terms."

ARCH.7XXX Research Topics: History and Theory 2 (A01 + A02) 3

"Two five-week lecture, seminar and/or project-based topics offering an in-depth study of an historical and/or theoretical subject. Options are grounded in faculty research and build upon foundation history/theory courses. Some topics may be deemed mandatory at the department's discretion. Topics may be taken in the fall and/or winter terms."

ARCH.7XXX Professional Practice 3

"Is concerned with the duties and responsibilities of an architectural practice; its divisions, office organization and administration, in Manitoba and Canada. The lectures relate in scope and standard to current models of practice and their requirements, including issues of building economics and construction cost control."

ARCH.7XXX Design Research Studio 9

"This final design studio involves concerted research and design explorations of an individually defined subject of inquiry, within a selected studio thematic focus. These investigations are intended to prepare students for their final Design Thesis."

ARCH.7XXX Technology Thesis Report 3

"Technology Thesis Report is an advanced project-based course done in conjunction with the Design Thesis project. The report is related to an individual student's design thesis topic, focusing on specific aspects of technology and applied tech. research. Advisor supervision and external engineering consultancy or agreed equivalent are required."

ARCH.7XXX Design Thesis 0

"The Design Thesis is an independently driven creative work developed within a focused subject of inquiry and directed by architectural questions. It is carried out through intensive research, study, and design explorations that culminate in a thoroughly developed architectural proposition. It is to be fully recorded in a final document."

Total Introductions +45

Report of the Programs and Planning Committee of the Faculty of Graduate Studies on course changes from its meeting on Oct. 19, 2007.

Net change in credit hours

*(60)**

===

Observations

Please see corresponding program change proposal in Section B.1 on Attach. 3, as well as **Attach. B.1.**

*The course deletions at the pre-Master's level (all suffixes beginning with "6") will be offset by the equivalent number of course introductions (credit hours) at the undergraduate level.

The course changes relate to the need for a more focused disciplinary curriculum as in response to the professional accreditation requirements.

The reorganization of the architecture disciplinary curriculum content is in response to the proposed changes in the foundation Environmental Design 1 & 2 or 3 & 4 curriculum content.

The consolidation of credit hours (e.g., from 3 to 9 or 6 to 9) responds to the integration within the design studio, of previously separate communications and technical course content.

Changes in skill requirement and the introduction of new knowledge and advancements within architectural education and the profession are requiring continual modification of course content, focus, and delivery.

Recommendation C.7

The Programs and Planning Committee of the Faculty of Graduate Studies recommends that the Faculty Executive of Graduate Studies endorse the course deletions and introductions in the Dept. of Architecture, Faculty of Architecture, as they relate to the program changes in the same department.

The course changes, program changes, and program proposals were endorsed by the Executive Committee of the Faculty of Graduate Studies on October 30, 2007.

Report of the Senate Planning and Priorities Committee on Graduate Changes with Potential Resource Implications or Course Changes Beyond Nine Credit Hours

Preamble

1. SPPC has the responsibility to report to Senate on curriculum changes with significant resource implications, including additions to departmental curricula of more than nine credit hours.
2. The committee reviewed a proposal from the Faculty of Graduate Studies to introduce a total of 33 credit hours in the Department of Economics and 12 credit hours in the Department of History.

Observations

1. The Department of Economics proposes to introduce several new courses in response to the graduate program review of 2005.
2. Eleven three-credit hour courses will be introduced: Advanced Development Economics (3), Topics in Development Economics (3), Econometrics I (3), Econometrics II (3), Topics in Applied Microeconomics I (3), Topics in Applied Microeconomics II (3), Topics in Applied Econometrics (3), M.A. Research Workshop (3), Advanced Heterodox Theory (3), Topics in Heterodox Economics I (3), and Topics in Heterodox Economics II (3), for a total of 33 credit hours.
3. Since a number of old courses have been removed from the course offerings, the introduction of these courses does not increase the resource needs of the Department of Economics graduate programs as the number of graduate-level courses offered each year by the Department will remain the same as it has been in recent years.
4. The Department of History proposes to introduce two new courses in response to the research and teaching interests of recent hires. The resources are in place to offer these courses as a part of the department's current program.
5. Two six-credit hour courses will be introduced, as follows: Selected Topics in British History (6), and Imperialism, Decolonization and Neo-Colonialism 1700 – Present (6), for a total of 12 credit hours.
6. The course introductions serve to accompany and complement the fourth year undergraduate courses on the same subject and with the same title for graduate level students. These courses have been offered by new staff under a general rubric and this will allow the courses to be offered in the calendar with these titles.

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

Recommendation

THAT Senate approve the course changes from the Departments of Economics and History as presented by the Faculty of Graduate Studies.

Respectfully submitted,

Norm Hunter, Chair
Senate Planning and Priorities Committee

/mb