



Date: 7 September 2010
To: Members of the Academic Program Development Committee
From: K O'Brien, Academic Program Coordinator
Re: Meeting of 10 September 2010

There will be a meeting of the Faculty of Arts Academic Program Development Committee on Friday 10 September 2010 at 9:00 am in the Arts Boardroom (CL 427).
Please bring an *Undergraduate Calendar and Course Catalog*.

1. Approval of the agenda
2. Approval of the minutes of 7 May 2010
3. Business arising from the minutes
 - A. Department of Geography**
4. New business
 - A. Prairie Studies Program**
 - B. Department of Economics**
 - C. Science and Technology Studies**
 - D. International Studies Program**
5. Other business

The Faculty of Arts Academic Program Development Committee met in CL 427 on 7 May 2010 at 1:00 pm.

PRESENT: K Arbuthnott, M Calkowski, P Campbell, M DeCoste, D Juschka, J Metcalfe, K O'Brien, D Sharpe, M Vetter, M Zimmermann

REGRETS: M DeCoste, C Haynes, R Kleer, A Revet, F Watson, B Warren

1. Approval of the agenda.

Arbuthnott/Zimmermann – moved to approve the agenda.

CARRIED

2. Approval of the minutes of 7 April 2010.

Vetter/Arbuthnott – moved to approve the minutes of 7 April 2010.

CARRIED

3. Business arising from the minutes.
None.

4. New Business

A. Department of French

Juschka/Vetter – moved to revise the prerequisites of FRLS 120, 121 and 218.

CARRIED

B. Department of History

The department explained that the proposals stem from a desire to reduce the number of first-year classes and that 105 really should be a 200-level course. The creation of 383 recognizes that 382 is attempting to do too much and that the material properly requires two courses. The department is keen to offer students more seminar-like experiences and to encourage more students to complete the Honours program. The department is confident that it can offer sufficient 400-level courses to meet students' program requirements and notes that enrolment in these courses is improving. The department anticipates no need to adjust instructor's teaching loads; these proposals merely reallocate what gets taught within the department. The department also acknowledges, however, that it may become more reliant on sessional instructors and/or need to reduce the frequency with which courses are offered.

Juschka/Campbell – moved to delete HIST 105 and to create HIST 250.

CARRIED

Juschka/Zimmermann – moved to create HIST 275.

CARRIED

Juschka/Campbell – moved to create HIST 383.

CARRIED

Juschka/Vetter – moved to revise the title and description of HIST 368.

CARRIED

Juschka/Campbell – moved to revise the title and description of HIST 382.

CARRIED

*Juschka/Arbuthnott – moved to revise the prerequisites for all 400-level HIST courses, except for 498 and 499, **from** “Completion of 60 credit hours or permission of Department Head” to “Completion of two HIST courses at the 200- or 300-level or 60 credit hours or permission of Department Head.”*

CARRIED

Juschka/Arbuthnott – moved to revise the majors in History and Urban History to require two 400-level HIST courses.

CARRIED

C. Prairie Studies Program

Juschka/Calkowski – moved to revise the prerequisite for PRST 200.

CARRIED

D. Department of Geography

The department head explained that GEOG 220 and 221 are introductory courses and should be so numbered. Since they are also gate-way courses, a number of prerequisite changes are also required. The department believes that these changes will make the program more attractive to students, especially since the discipline isn't normally offered in Saskatchewan high schools. The department intends to continue offering these courses each semester and so anticipates no resource issues. The department intends to also retain and require GEOG 100 since it addresses other curriculum goals – exposure to “global issues.”

The committee asked whether this program change, requiring three introductory courses, might cost the department students? The department doesn't believe so and is unique because it offers both BA and BSC programs. The committee also noted that the prerequisites for GEOG 414 and 440 appear complicated. The department believes that the prerequisites represent the minimal preparation required for success in these courses.

In considering the proposals, the committee recognized that 220 and 221 should be converted to 100-level courses and that the related prerequisite changes are needed. There was considerable resistance to requiring students to complete three introductory courses. The committee was concerned that such a requirement would deter students from

pursuing Geography. The committee suggested that the proposals be sent back to the department for further consideration, particularly about the role of GEOG 100 in their program.

E. Department of Justice Studies

The department is undergoing a review of its programs. With the Faculty's reconsideration of its core curriculum, the department believes JS 210 would be an appropriate addition and so is suggesting it be renumbered to 100. The course has only been offered at the 200-level because it originated in the Faculty of Social Work which didn't offer introductory courses. The department has revised the course curriculum to make it appropriately introductory.

The department is reformulating its program so that it can be completed in four years; this model will enable students to plan their course selection in advance and ensure an appropriate array of course offerings at each level are available to students.

The committee wasn't convinced that a course should be renumbered just to be available as an option in the Faculty's core curriculum, but rather would prefer to see this proposal in the context of the department's revised overall program. The committee agreed to table this motion until the department has submitted its package of reforms.

F. Environmental Studies Program

Juschka/Calkowski – moved to revise the BA major in Environmental Studies.

CARRIED

G. Individual Honours Major

Juschka/Arbuthnott – moved to approve the proposed individual honours major in Classical and Medieval Studies.

CARRIED

3. Business Arising from the Minutes

A. Department of Geography

MEMORANDUM

To: Members, Academic Program Development Committee, Faculty of Arts
From: Ulrike Hardenbicker, Acting Head, Department of Geography
Date: September 3, 2010
Subject: Repositioning of and Prerequisite Changes for Geography Courses

The Department of Geography has met to consider APDC's response to its proposals for curriculum change considered at the May 7 meeting of APDC. The Department accepts APDC's recommendation that if GEOG 220 and GEOG 221 are repositioned as GEOG 120 and GEOG 220, GEOG 100 should no longer be counted as a required course for Geography majors. In accepting the recommendation of APDC, the Department wishes to proceed with its request for curriculum change presented at the May 7 meeting. The original request is re-presented below as a series of motions.

In view of the above a motion is presented to delete GEOG 100 as a required course for Geography programs.

Also, the deletion of GEOG 100 will reduce the number of courses in all Geography programs. To restore the appropriate number of courses, the Department proposes to add one 300 or 400-level course to all Major, Combined Major and Honours programs, and add one 200-level course to the Minor in Geography.

MOTION to renumber GEOG 220 and 221 to 120 and 121, respectively.

GEOG 1220

3:3-1

Human Geography

Explanation of human placement in and interaction with the natural environment; assessment of concepts processes and patterns as related to distribution of human phenomena, including economic activity and settlement types.

~~*** Prerequisite: GEOG 100 or permission of Department Head ***~~

*Note: Formerly numbered GEOG 220. Students may receive credit for only one of GEOG 120 or 220. *

GEOG 1221

3:3-1

Physical Geography

The physical basis of geography; climate, landforms, and the geography of water, soil, and plants. Emphasis is placed on processes that account for the earth's natural landscapes and their geographic variability.

~~*** Prerequisite: GEOG 100 or permission of Department Head ***~~

*Note: Formerly numbered GEOG 221. Students may receive credit for only one of GEOG 121 or 221. *

Rationale

These courses form students' first encounter with themes in human and physical geography, respectively. They are taught as introductory courses and so should be identified as 100-level courses requiring no prerequisites.

MOTION to renumber GEOG 318 to GEOG 218 and revise the prerequisite.

GEOG ~~2318~~

3:3-0

United States of America

A systematic and regional approach to the geography of the United States, emphasizing population movements and distribution, the natural environment, economic geography, and regional studies.

~~*** Prerequisite: any 100-level GEOG course, GEOG 220 or GEOG 221 or permission of Department Head ***~~

*Note: Formerly numbered GEOG 318. Students may receive credit for only one of GEOG 218 or 318. *

Rationale

Currently, the expectation of students in GEOG 318 is similar to that of students in GEOG 210 (Canada). Repositioning of GEOG 318 as GEOG 218 would provide a second regional geography course at the 200-level and help distribute regional-based courses throughout the geography program. As GEOG 100 and repositioned GEOG 120 and GEOG 121 are introductory level courses, each should be considered an appropriate prerequisite for GEOG 218.

MOTION to revise the prerequisites for GEOG 310.

GEOG 310

3:3-0

Geography of Saskatchewan

A systematic and regional approach to the geography of Saskatchewan, emphasizing climate, natural resources, population, settlement, economy and changes in the same.

~~*** Prerequisite: One of GEOG 210 or PRST 200, GEOG 220, GEOG 221, or permission of Department Head ***~~

* Note: Formerly numbered GEOG 320. Students may not receive credit for both GEOG 310 and GEOG 320. Web delivered class sections may be subject to an additional \$50.00 material fee. *

Rationale

GEOG 210 (Canada) is the 'natural' prerequisite for GEOG 310. PRST 200 includes significant geographical content appropriate to GEOG 310. Both PRST 200 and GEOG 310 are taught as online courses. Inclusion of PRST 200 as a prerequisite for GEOG 310 will provide off-campus students with greater opportunity to access this 300-level course. Repositioning of GEOG 220 and GEOG 221 to the 100-level creates the prospect of students being eligible to enrol in a 300-level regional geography course by their second semester and with only one geography course completed. As this is undesirable, it is proposed that they are removed as suitable prerequisites for GEOG 310.

MOTION to renumber GEOG 314 to GEOG 414 and to revise the prerequisite.

GEOG ~~3~~14

3:3-0

Europe

A systematic approach to the geography of Europe. Emphasis is placed on selected themes in the physical, historical, cultural, political, and economic geography of the area. Regional study will be limited to five or six selected countries and will help to illustrate the rapid changes taking place in Europe.

*** Prerequisite: GEOG 226 and any two of GEOG 323, 325, 328, 329, 330 or 336, ~~220 or GEOG 221~~ or permission of Department Head ***

Rationale

Repositioning of GEOG 314 as GEOG 414 will provide a second regional geography course at the 400-level and will help distribute regional-based courses throughout the geography program. The proposed prerequisites are presented to ensure students have a broad and balanced background at the introductory and intermediate levels of the discipline (GEOG 226) plus specialization in either human geography (GEOG 328, GEOG 330, GEOG 336) or physical geography (GEOG 323, GEOG 325, GEOG 329) courses, or both, at the 300-level. An international field trip component is envisaged as part of GEOG 414.

MOTION to revise the prerequisites for GEOG 440.

GEOG 440

3:3-0

Geography of the Caribbean

The course surveys the physical and human geography of the Caribbean basin. Particular focus is placed on environmental management and economic development issues. Detailed case studies are drawn from the geography of Jamaica. Note: The course includes a 14-day field trip to Jamaica conducted during the February mid-term break.

*** Prerequisite: GEOG 226 and any two of GEOG 316, 322, 323, 325, 327, 332, ~~220 and GEOG 221~~, or permission of Department Head ***

* Note: Formerly numbered GEOG 496AA. Students may not receive credit for both GEOG 440 and GEOG 496AA. *

Rationale

Repositioning of GEOG 220 and GEOG 221 to the 100-level creates the prospect of students being eligible to enrol in this 400-level regional geography course by their semester and with only two geography courses completed. The proposed prerequisites are presented to ensure students have a broad and balanced background at the introductory and intermediate levels of the discipline (GEOG 226) plus specialization in either human geography (GEOG 316, GEOG 322, GEOG 332) or physical geography (GEOG 323, GEOG 325, GEOG 327) courses, or both, at the 300-level. An international field trip already forms part of GEOG 440.

MOTION to revise the prerequisites for GEOG 205, 207 and 210 **from** “GEOG 100 or permission of Department Head” **to** “any 100-level GEOG course, or permission of Department Head.”

MOTION to revise the prerequisite for GEOG 226 **from** “GEOG 100 or permission of Department Head” **to** “GEOG 120 and 121, or permission of Department Head.”

Rationale

Currently the prerequisite for all 200-level courses is GEOG 100. Repositioning of GEOG 220 and GEOG 221 as GEOG 120 and GEOG 121 will create three 100-level courses. It is proposed that background in any one of these courses will serve as an appropriate prerequisite for any 200-level course. The exception to this would be GEOG 226. Here background in both human and physical geography is deemed desirable and is reflected in the proposed prerequisite of GEOG 120 and GEOG 121.

GEOG 226 draws on fundamental knowledge of concepts and themes in human and physical geography. This knowledge is provided through completion of repositioned GEOG 120 and 121.

MOTION to revise the prerequisites for GEOG 316, 322, 324, 328, 330, 332, 334 and 336 **from** “GEOG 220, or permission of Department Head” **to** “9 credit hours in GEOG, including GEOG 120, or permission of Department head.”

MOTION to revise the prerequisites for GEOG 321, 323, 325, 327, 329 and 333 **from** “GEOG 221 or permission of Department Head” **to** “9 credit hours in GEOG, including GEOG 121, or permission of Department Head.”

Rationale

Changes in prerequisites for all 300-level courses are proposed. In most instances, a prerequisite of 9 credit hours (three courses) in Geography, including GEOG 120 for human geography courses and GEOG 121 for physical geography courses, is proposed as providing students with appropriate background to undertake 300-level courses in Geography.

MOTION to revise the prerequisite for GEOG 301.

GEOG 301 **3:3-0**
Nature and Philosophy of Geography

This course is an introduction to the history of geography, and to the research philosophies and methodological concepts applied in the discipline.

*** Prerequisite: 9 credit hours in GEOG, including GEOG 120 and 121, GEOG 100, 220, and 221 or permission of Department Head ***

Rationale

GEOG 100 appears erroneously as a prerequisite and should be deleted without replacement. Repositioning of GEOG 220 and GEOG 221 to the 100-level creates the prospect of students being eligible to enrol in a 300-level human geography course by their second semester and with only one geography course completed. The prerequisite of nine credit hours including GEOG 120 and GEOG 121, the introductory level courses in human and physical geography, provides appropriate background for enrolment in GEOG 301.

MOTION to revise the prerequisite for GEOG 326.

GEOG 326

3:3-0

Environment and Resource Management

A systematic analysis of geographical aspects of theory and methods of natural resource management. Focus is on the geographer's role in resource analysis and policy decisions with examples from agriculture, forestry, wildlife, energy, and parks.

*** Prerequisite: GEOG 226 ~~220~~ or GEOG 221, or permission of Department Head ***

Rationale

The current prerequisite is deemed inadequate. GEOG 326 calls on geographic knowledge gained in GEOG 226 which in turn draws on fundamental knowledge of concepts and themes in human and physical geography provided in GEOG 120 and GEOG 121.

MOTION to revise the description and prerequisite for GEOG 338.

GEOG 338

3:3-0

Geography and Gender

An examination and comparison of the male and female ~~fe/male~~ use and perception of space and place by time-period and culture and age: in homes, neighbourhoods, cities, rural areas, recreation, travel, environment, politics, race, education and ethnicity.

*** Prerequisite: 9 credit hours in GEOG, including GEOG 120, GEOG 220, or a 200-level Women's Studies course, or permission from the Department Head ***

Rationale

Repositioning of GEOG 220 to the 100-level creates the prospect of students being eligible to enrol in a 300-level human geography course by their second semester and

with only one geography course completed. A 200-level course in Women's and Gender Studies does not provide the background in geography required in a 300-level geography course. The prerequisite of nine credit hours including GEOG 120, the introductory level course in human geography, provides appropriate background for enrolment in GEOG 338.

MOTION to revise the prerequisite for GEOG 411.

GEOG 411

3:3-0

Field Techniques in Physical Geography

Techniques for the acquisition and analysis of field data used in physical geographical research.

*** Prerequisite: GEOG 121, 205 and one of GEOG 321, 323, 325, 327 or 333, or permission of Department Head ***

Rationale

The current prerequisite provides inadequate background for students to benefit in full from GEOG 411. The suggested prerequisites will provide students with the foundation course in physical geography (GEOG 121), basic ability in data collection and processing (GEOG 205) and specialization in a minimum of one 300-level physical geography course.

MOTION to revise the prerequisite for GEOG 426.

GEOG 426

3:3-0

Topics in Water Resources Management

Regional, socio-economic, and environmental issues in water resources management. Study of water management in selected regions such as the Canadian prairies and the Columbia and Missouri River basins.

*** Prerequisite: GEOG 326 or 327 ~~220 or 221~~, or permission of Department Head ***

Rationale

The existing prerequisites do not provide students with adequate background for GEOG 426 and are to be repositioned as 100-level courses. Either GEOG 326 (Environment and Resource Management) or GEOG 327 (Hydrology) is considered a 'natural' prerequisite for this 400-level course.

MOTION to remove GEOG 100 as a required course for all Geography programs.

MOTION to increase by one the number of additional GEOG courses at the 300- or 400-level for all Major, Combined Major and Honours programs.

9.21.1 BA MAJOR IN GEOGRAPHY

Credit hours	Geography BA major, required courses	Student's record of courses completed
Major Requirements		

3.0	GEOG 100	
3.0	GEOG 120	
3.0	GEOG 121	
3.0	GEOG 205	
3.0	GEOG 207	
3.0	GEOG 210	
3.0	GEOG 220	
3.0	GEOG 224	
3.0	GEOG 226	
3.0	GEOG 301	
3.0	GEOG 305	
3.0	Five Four additional GEOG courses at the 300- or 400-level	
3.0		
3.0		
3.0		
3.0		
39.0	Subtotal: 65% major GPA required	
Arts Core Requirements		
3.0	ENGL 100	
3.0	ENGL 110	
3.0	Any two language courses in the same language other than English	
3.0		
3.0	One course in logic or math	
3.0	One course from List A*	
3.0	One course in fine arts*	
3.0	One natural science course with a lab*	
3.0	One course in a new subject in arts, fine arts, or science, excluding JS or JRN*	
3.0	One course in a new subject in arts, fine arts, or science, excluding JS or JRN*	
The courses marked * must all be in different subjects. Remaining core requirements (List B) are fulfilled by major courses. Refer to §9.9.1.1 for detailed information on the Arts Core Requirements.		
30.0	Subtotal	
Open Electives		
51.0	17 elective courses	
A maximum of 14 introductory-level courses is permitted in the BA, refer to §9.7.4. Electives may be used to complete optional minor(s).		
120.0	Total: 60% PGPA required	

9.21.2 COMBINED MAJOR IN ECONOMICS AND GEOGRAPHY

Credit hours	BA Economics/Geography major, required courses	Student's record of courses completed
Major Requirements		
3.0	ECON 201	
3.0	ECON 202	
3.0	ECON 224	
3.0	ECON 280	
3.0	ECON 301	
3.0	ECON 302	
3.0	One of ECON 311, 353, 354, 360, 361, 362, 363	
3.0	ECON course (ECON 100 is highly recommended)	
3.0	ECON 480	
3.0	ECON course	
3.0	GEOG 100	
3.0	GEOG 120	
3.0	GEOG 121	

3.0	GEOG 207	
3.0	GEOG 210	
3.0	GEOG 220	
3.0	GEOG 221	
3.0	GEOG 226	
3.0	GEOG 301	
3.0	Either of: STAT 160 or 200 and ECON 321 OR GEOG 205 and 305	
3.0	Four <u>Three</u> additional 300- or 400- level GEOG courses	
3.0		
3.0		
3.0		
66.0	Subtotal: 65% major GPA required	
Arts Core Requirements		
3.0	ENGL 100	
3.0	ENGL 110	
3.0	Any two language courses in the same language other than English	
3.0		
3.0	One course in logic or math	
3.0	One course from List A*	
3.0	One course in fine arts*	
3.0	One natural science with a lab*	
3.0	One course in a new subject in arts, fine arts, or science, excluding JS or JRN*	
The courses marked * must all be in different subjects. Remaining core requirements (List B, course in arts, fine arts or science) are fulfilled by major courses. Refer to §9.9.1.1 for detailed information on the Arts Core Requirements.		
27.0	Subtotal	
Open Electives		
27.0	9 elective courses	
A maximum of 14 introductory-level courses is permitted in the BA, refer to §9.7.4. Electives may be used to complete optional minor(s).		
120.0	Total: 60% PGPA required	

Students may select an optional concentration by choosing one of the following sets of courses to meet their elective requirements within the major:

Environment and Resource Management: three of ECON 233, 273, 372, 396AC; and three of GEOG 221, 309, 322, 325, 326, 328.

Urban Planning and Regional Development: three of ECON 237, 277, 296AI, 354; and three of GEOG 322, 324, 422, 424.

Economic Development: ECON 211, 277, 311; three of GEOG 316, 322, 328, 330, 422.

9.21.3 BA HONOURS MAJOR IN GEOGRAPHY

Credit hours	Geography BA Honours major, required courses	Student's record of courses completed
Honours Major Requirements		
3.0	GEOG 400	
<u>3.0</u>	<u>GEOG 120</u>	
<u>3.0</u>	<u>GEOG 121</u>	
3.0	GEOG 205	
3.0	GEOG 207	
3.0	GEOG 210	
3.0	GEOG 220	
3.0	GEOG 221	
3.0	GEOG 226	
3.0	GEOG 301	
3.0	GEOG 305	
3.0	<u>Six</u> Five additional GEOG courses at the 300- or 400-level	
3.0		
<u>3.0</u>		

3.0		
3.0		
3.0		
3.0	400-level GEOG course	
3.0	400-level GEOG course	
6.0	GEOG 499 (499AC, or both 499AA and 499AB)	
54.0	Subtotal: 75% major GPA required	
Arts Core Requirements		
30.0	Same as stated above for the BA in Geography.	
Open Electives		
36.0	12 elective courses	
A maximum of 14 introductory-level courses is permitted in the BA, refer to §9.7.4. Electives may be used to complete optional minor(s).		
120.0	Total: 70% PGPA required	

9.21.4 COMBINED HONOURS MAJOR IN ECONOMICS AND GEOGRAPHY

Credit hours	BA Economics/Geography Honours major, required courses	Student's record of courses completed
Honours Major Requirements		
3.0	ECON 201	
3.0	ECON 202	
3.0	ECON 301	
3.0	ECON 302	
3.0	ECON 401	
3.0	ECON 402	
3.0	Three other 300- or 400-level ECON courses	
3.0		
3.0		
3.0	Any two other ECON courses	
3.0		
3.0	GEOG 100	
<u>3.0</u>	<u>GEOG 120</u>	
<u>3.0</u>	<u>GEOG 121</u>	
3.0	GEOG 207	
3.0	GEOG 210	
3.0	GEOG 220	
3.0	GEOG 224	
3.0	GEOG 226	
3.0	GEOG 301	
3.0	Four Three other 300- or 400-level GEOG courses	
3.0		
3.0		
3.0		
3.0	400-level GEOG	
3.0	Either of:	
3.0	GEOG 205 and 305, OR ECON 224 and 324	
6.0	GEOG 499, or ECON 498 and 499	
3.0	One of MATH 103, 105, 110	
81.0	Subtotal: 75% major GPA required	
Arts Core Requirements		
3.0	ENGL 100	
3.0	ENGL 110	
3.0	Any two language courses in the same language other than English	
3.0		
3.0	One course from List A*	
3.0	One course in fine arts*	
3.0	One natural science with a lab*	
3.0	One course in a new subject in arts, fine arts, or science, excluding	

	JS or JRN*	
The courses marked * must all be in different subjects. Remaining core requirements (List B, math, course in arts, fine arts or science) are fulfilled by major courses. Refer to §9.9.1.1 for detailed information on the Arts Core Requirements.		
24.0	Subtotal	
Open Electives		
15.0	5 elective courses	
A maximum of 14 introductory-level courses is permitted in the BA, refer to §9.7.4. Electives may be used to complete optional minor(s).		
120.0	Total: 70% PGPA required	

MOTION to replace GEOG 100 with GEOG 207 in the minor.

9.21.5 MINOR IN GEOGRAPHY

Credit hours	Geography minor, required courses	Student's record of courses completed
3.0	GEOG 100	
<u>3.0</u>	<u>GEOG 120</u>	
<u>3.0</u>	<u>GEOG 121</u>	
3.0	GEOG 205	
<u>3.0</u>	<u>GEOG 207</u>	
3.0	GEOG 210	
3.0	GEOG 220	
3.0	GEOG 224	
3.0	GEOG 226	
18.0	GEOG Minor – 65% GPA required	

9.21.6 BSC MAJOR IN GEOGRAPHY

Geography courses for the purpose of this degree only shall be deemed to be within the Faculty of Science.

The Bachelor of Science major in Geography is offered by the Faculty of Science. Refer to §16 for additional important information, in particular §16.6 and §16.9.1 and §16.14.1.

Credit hours	BSc with major in Geography, required courses	Student's record of courses completed
3.0	GEOG 100	
<u>3.0</u>	<u>GEOG 120</u>	
<u>3.0</u>	<u>GEOG 121</u>	
3.0	GEOG 205	
3.0	GEOG 207	
3.0	GEOG 210	
3.0	GEOG 220	
3.0	GEOG 224	
3.0	GEOG 226	
3.0	GEOG 301	
3.0	GEOG 305	
3.0		
3.0		
<u>3.0</u>	Six Five additional GEOG courses at the 300- or 400-level	
3.0		
3.0		
3.0		
Cognate courses		
3.0	BIOL 101	
3.0	CHEM 102 or PHYS 109	
3.0	CS 110	
3.0	GEOL 102	

3.0	MATH 103, 105 or 110	
57.0	Subtotal: 65% major GPA required	
3.0	ENGL 100	
3.0	ENGL 110	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Science elective	
3.0	Science elective	
3.0	Science elective	
3.0	Science, Arts, or Fine Arts elective	
3.0	Science, Arts, or Fine Arts elective	
3.0	Science, Arts, or Fine Arts elective	
3.0	Science, Arts, or Fine Arts elective	
3.0	Science, Arts, or Fine Arts elective	
3.0	Science, Arts, or Fine Arts elective	
3.0	Open elective	
3.0	Open elective	
3.0	Open elective	
3.0	Open elective	
3.0	Open elective	
3.0	Open elective	
120.0	Total: 65% program GPA required	

9.21.7 BSc - COMBINED MAJOR IN BIOLOGY AND GEOGRAPHY

Geography courses for the purpose of this degree only shall be deemed to be within the Faculty of Science.

The Bachelor of Science combined major in Biology/Geography is offered by the Faculty of Science. Refer to §16.6, §16.9.1 and §16.11.2.4 for additional important information.

Credit hours	BSc Combined Major in Biology and Geography, required courses	Student's record of courses completed
3.0	BIOL 100	
3.0	BIOL 101	
3.0	BIOL 205	
3.0	BIOL 220	
3.0	BIOL 265	
3.0	BIOL 266	
3.0	BIOL 275 or 276	
3.0	BIOL 288	
3.0	FOUR courses from:	
3.0	BIOL 335, 341, 364, 365,	
3.0	367, 370, 375, 385, 403,	
3.0	425, 435, 475, 476	
3.0	GEOG 100	
3.0	GEOG 120	
3.0	GEOG 121	
3.0	GEOG 205	
3.0	GEOG 207	
3.0	GEOG 210	
3.0	GEOG 220	
3.0	GEOG 221	
3.0	GEOG 226	
3.0	GEOG 301	

3.0	GEOG 305	
3.0		
<u>3.0</u>	Four, Three 300- or 400-level GEOG courses	
3.0		
3.0		
3.0		
3.0	CHEM 102	
3.0	CHEM 240	
3.0	GEOL 102	
3.0	CS 110	
3.0	MATH 105 or 110	
3.0	MATH 111	
3.0	PHYS 109 and 119, OR	
3.0	PHYS 111 and 112	
3.0	STAT 100 or 160	
99.0	Subtotal: 65% major GPA required	
3.0	ENGL 100	
3.0	ENGL 110	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Open elective	
120.0	Total: 65% PGPA required	

9.21.8 BSC - COMBINED MAJOR IN GEOGRAPHY AND GEOLOGY, GEOGRAPHY STREAM

Geography courses for the purpose of this degree only shall be deemed to be within the Faculty of Science. The Bachelor of Science combined major in Geography/Geology is offered by the Faculty of Science. Refer to §§16.15 and 16.16 for additional important information.

Credit hours	BSc Combined Major in Geography and Geology, Geography stream, required courses	Student's record of courses completed
3.0	GEOL 102	
3.0	GEOL 201	
3.0	GEOL 210	
3.0	GEOL 240	
3.0	GEOL 314	
3.0	GEOG 100	
<u>3.0</u>	<u>GEOG 121</u>	
3.0	GEOG 205	
3.0	GEOG 221	
3.0	GEOG 303	
3.0	GEOG 309	
<u>3.0</u>	<u>One additional 300- or 400-level GEOG course</u>	
3.0	Three courses from: GEOG 323, GEOG 327, GEOG 429, GEOL 471	
3.0		
3.0		
3.0	GEOG 411	
3.0	GEOL 211	
3.0	GEOL 250	
3.0	GEOL 313	
3.0	GEOL 350	
3.0	Seven courses from: GEOL 1220, GEOL 270, GEOL 340, GEOL 371, GEOL 414, GEOL 416, GEOL 460, GEOL 471, GEOL 474, GEOG 207, GEOG 226, GEOG 326, GEOG 329, GEOG 423, GEOG 426, BIOL 476*	
3.0		
3.0		
3.0		
3.0		
3.0		
3.0		
3.0	CHEM 102 or CHEM 103	

3.0	CHEM 230	
3.0	CS 110	
3.0	MATH 105 or 110	
3.0	PHYS 109	
3.0	PHYS 119	
3.0	1 additional MATH, CHEM, PHYS, or STATS course	
96.0	Subtotal: 65% major GPA required	
3.0	ENGL 100	
3.0	ENGL 110	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Open Elective	
3.0	Open Elective	
120.0	Total: 65% PGPA required	
* BIOL 476 accepted as Geoscience credit with APEGS		

9.21.9 BSc - COMBINED MAJOR IN GEOLOGY AND GEOGRAPHY, GEOLOGY STREAM

Geography courses for the purpose of this degree only shall be deemed to be within the Faculty of Science.

The Bachelor of Science combined major in Geology/Geography is offered by the Faculty of Science. Refer to §16.6, §16.9.1 and §16.14 for additional important information.

Credit hours	BSc Combined major in Geology and Geography, Geology stream, required courses	Student's record of courses completed
3.0	GEOL 102	
3.0	GEOL 201	
3.0	GEOL 210	
3.0	GEOL 211	
3.0	GEOL 240	
3.0	GEOL 314	
3.0	GEOG 100	
<u>3.0</u>	<u>GEOG 120</u>	
3.0	GEOG 205	
3.0	GEOG 221	
3.0	GEOG 303	
<u>3.0</u>	<u>One additional 300- or 400-level GEOG course</u>	
3.0	Three courses from: GEOL 250, GEOL 313, GEOL 460, GEOL 471	
3.0		
3.0		
1.0	GEOL 396	
2.0	GEOL 496	
3.0	GEOG 323	
3.0	GEOG 327	
3.0	GEOG 329	
3.0	GEOG 423	
3.0	GEOG 429	
3.0	Six courses from: GEOL 1220, GEOL 250, GEOL 270, GEOL 314, GEOL 340, GEOL 350, GEOL 371, GEOL 414, GEOL 416, GEOL 460, GEOL 471, GEOL 474, GEOG 207, GEOG 226, GEOG 309, GEOG 326, GEOG 426, BIOL 476	
3.0		
3.0		
3.0		
3.0		
3.0		
3.0	CHEM 102 or 103	
3.0	CHEM 230	
3.0	CS 110	

3.0	MATH 105 or 110	
3.0	PHYS 109	
3.0	PHYS 119	
3.0	ONE course from: MATH, CHEM, PHYS or STAT	
96.0	Subtotal: 65% major GPA required	
3.0	ENGL 100	
3.0	ENGL 110	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Open elective	
3.0	Open elective	
120.0	Total: 65% PGPA required	

9.21.10 BSc HONOURS MAJOR IN GEOGRAPHY

Courses within in the major requirements in geography are considered Science courses only for the purposes of these programs. The Bachelor of Science Honours program is offered by the Faculty of Science. Refer to §16 for additional important information, in particular §16.6, §16.9.2, and §16.14. Students planning an honours program should consult with the Head of the Geography Department.

Credit hours	BSc Honours with major in Geography, required courses	Student's record of courses completed
3.0	GEOG 100	
3.0	GEOG 120	
3.0	GEOG 121	
3.0	GEOG 205	
3.0	GEOG 207	
3.0	GEOG 210	
3.0	GEOG 220	
3.0	GEOG 224	
3.0	GEOG 226	
3.0	GEOG 301	
3.0	GEOG 305	
3.0	Six Five additional GEOG courses at the 300- or 400-level	
3.0		
3.0		
3.0		
3.0		
3.0		
3.0	GEOG 400-level	
3.0	GEOG 400-level	
6.0	GEOG 499 (499AC, or both 499AA and 499AB)	
Cognate courses		
3.0	BIOL 101	
3.0	CHEM 102 or PHYS 109	
3.0	CS 110	
3.0	GEOL 102	
3.0	MATH 103, 105 or 110	
69.0	Subtotal: 75% major GPA required	
3.0	ENGL 100	
3.0	ENGL 110	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Arts or Fine Arts elective	
3.0	Science elective	
3.0	Science, Arts, or Fine Arts	

	elective	
3.0	Science, Arts, or Fine Arts elective	
3.0	Science, Arts, or Fine Arts elective	
3.0	Science, Arts, or Fine Arts elective	
3.0	Open elective	
3.0	Open elective	
3.0	Open elective	
3.0	Open elective	
3.0	Open elective	
3.0	Open elective	
120.0	Total: 70% PGPA required	

4. New Business

A. Prairie Studies

MOTION to delete the BA Major in Prairie Studies.

9.35.1 BA MAJOR IN PRAIRIE STUDIES

Credit hours	BA in Prairie Studies program, required courses
Requirements leading to senior level courses in the Prairie Studies program	
3.0	ENGL 100
3.0	ENGL 110
3.0	One course in logic or math
3.0	Two courses in the same language (choose from Cree or Saulteaux – see Group VI – Indigenous Language)
3.0	
3.0	INDG 100
3.0	PSCI 100
3.0	An introductory course in Canadian History. Any of HIST 101, 102, 103 or 111 will satisfy this requirement.
3.0	One course from the 'Natural Sciences' with a laboratory
3.0	One course from 'List A' (Humanities)
3.0	One course from 'Fine Arts'
33.0	Subtotal: Program requirements
Major requirements	
3.0	GEOG 100
3.0	PRST 200
3.0	PRST 400**
3.0	Two of Group I (Prairie Geography)**
3.0	
3.0	Two of Group II (Prairie History)**
3.0	
3.0	Two of Group III (Indigenous Studies)**
3.0	
3.0	Two of Group IV (Literature and Art)**
3.0	
3.0	Two of Group V (Prairie Society and Politics)**
3.0	
3.0	One of Group I-VII**
3.0	One of Group I-VII**
3.0	One of Group I-VII**
3.0	One of Group I-VII**
3.0	One of Group I-VII**
3.0	One of Group I-VII**
3.0	One of Group I-VII**
3.0	One of Group I-VII**
3.0	One course in Statistical Methods**
66.0	Subtotal: 65% major GPA required
** Interdisciplinary major. At least three courses in the major must be at the 300-level or higher.	
3.0	Seven additional electives
3.0	
3.0	
3.0	
3.0	
3.0	
3.0	
120.0	Total: 60% PGPA required
A maximum of 14 introductory level courses is permitted. Refer to §9.7.4.	

9.35.1 AREAS FOR PRAIRIE STUDIES MAJORS

Group I: Prairie Geography	<u>U of R courses</u> GEOG 221, 310, 321, 328, 491AB <u>U of S courses</u> GEOG 202, 204, 280, 343, 351, 384
Group II: Prairie History	<u>U of R courses</u> HIST 316, 318, 330, 411, 412, 413, 414 <u>U of S courses</u> HIST 257, 258, 364, 460
Group III: Indigenous Studies	<u>U of R courses</u> INDG 101, 208, 210, 215, 216, 218, 221, 424 <u>U of S courses</u> NS 105, 106, 260, 263, 350, 440, 450
Group IV: Literature & Art	<u>U of R courses</u> INAH 100, 202, 204, 301 <u>U of S courses</u> ARTH 252, FR 350, ENG 342, 358, 359
Group V: Prairie Society & Politics	<u>U of R courses</u> JS 311, 350, PSCI 338, 360, 431, SOC 217 <u>U of S courses</u> IPJP 402, 403, POLS 222, 305, 306, 323, SOC 204, 219
Group VI: Indigenous Language	<u>U of R courses</u> Any CREE or SAUL course <u>U of S courses</u> CREE 101, 120
Group 7: Other Prairie courses	<u>U of R courses</u> BIOL 372, ECON 212, 372, GEOL 102, JS 210 <u>U of S courses</u> AGRC 111, 112, ANTH 224, ARCH 350, 353, BIOL 253, ECON 231, FREN 103, 106, 125, 128, GEOL 108, 109, GERM 114, 117, RUS 114, 117, SOC 110, UKR 114, 117

Rationale

This program was envisioned as a joint offering with the U of S. Resource constraints at that institution preclude further investment in the program's development. The required resources for the U of R to run this alone exceed those available, especially in the absence of strong student demand.

B. Department of Economics

MOTION to revise the description of ECON 307 and ECON 401.

ECON 307

3:3-0

Intermediate Microeconomics II

This course introduces the tools and logic of game theory. The strategic behaviour of firms and other agents will be explored in cases when the actions of one agent have an impact on the actions of others. Topics include Nash equilibrium, subgame perfection, asymmetric information and risk.

~~A continuation of ECON 301. Topics include: special market structures, labour and capital markets, market failure (public goods and externalities), producer and consumer choice over time and under uncertainty, introductory general equilibrium and welfare theory and applications.~~

*** Prerequisite: ECON 301 and MATH 103 or equivalent, or permission of Department Head ***

ECON 401

3:3-0

Advanced Microeconomic Theory

Selected advanced topics in microeconomic theory. Topics may include advanced consumer and production theory, general equilibrium theory, ~~game theory~~, risk and uncertainty, externalities and public goods, welfare economics, economics of information and behavioural economics.

*** Prerequisite: ECON 307 and ECON 322 or equivalent ***

Rationale

The department reviewed its curriculum and has decided to reposition the material presented in both ECON 307 and 401 to serve the student audience better and to reflect better the desired level of difficulty of its presentation.

MOTION to revise the short titles of ECON 302 and 308.

ECON 302: Intermediate Macroeconomics I – Economic Fluctuations

[short title: Intermed Macro ~~Economic~~ Fluctuations]

Advanced economic concepts are used to explain how economies work at a national or regional level, with a focus on booms, recessions, government spending, taxation, and monetary policy.

Prerequisite: ECON 202

ECON 308: Intermediate Macroeconomics II – Economic Growth

[short title: Intermed Macro ~~Economic~~ Growth]

This course surveys theories and models of economic growth, along with growth and development experiences of various countries.

*** Prerequisite: ECON 202 or ECON 211, AND MATH 103 or 105 or 110, or permission of department head***

Rationale

These short title changes are necessary to communicate to other universities through the UR transcript that these are core intermediate macro theory courses.

C. Science and Technology Studies

MOTION to delete the minor in Science and Technology Studies.

~~9.39 SCIENCE AND TECHNOLOGY STUDIES MINOR~~

~~This program provides students with an appreciation of the historical, philosophical, social and ethical issues of science. The effects on changes in technology and the science form an important part of these courses. For students who are pursuing a degree in science, the minor should provide an important adjunct to their existing studies. For students outside the Faculty of Science, the program will provide an important degree of scientific literacy and appreciation. Courses in this program are open to students in any program within the University.~~

~~9.39.1 MINOR IN SCIENCE AND TECHNOLOGY STUDIES~~

Credit hours	Science and Technology Studies minor, required courses	Student's record of courses completed
3.0	STS 400	
3.0	STS 200	
3.0	STS 400	
3.0	One of PHIL 273, 275, 277	
3.0	Three additional courses from any of the following groups: The Historical Development of Science, The Environment, and Philosophical and Contemporary Issues. These include: ESCI 302, GEOG 226, 301, HIST 372, MATH 108, 308, PHIL 241, PHYS 200, RLST 273, SOC 225, 230, 325, 330, STS 230, 231, 239AA-ZZ, 270, 271, 330, 331, 332, 370, 371, 372, 373, WGST 201	
3.0		
3.0		
21.0	STS Minor – 65% GPA required	

Rationale

Required courses aren't offered frequently enough to enable students to complete the minor in a timely fashion.

D. International Studies Program

MOTION to revise the BA and BA Honours major requirements of the International Affairs concentration.

9.29.2.4 International Affairs Concentration

Credit hours	BA in International Studies, required courses	Student's record of courses completed
Section A: Arts Core requirements		
Section B: International Studies Core requirements		
Section C: International Studies Language requirements		
45.0	As stated above for the BA in International Studies	
Section D: International Affairs Concentration		
3.0	IS 240	
3.0	IS 440	
3.0	Two approved electives from the International Development course list. Refer to §9.26.6 below.	
3.0		
3.0	Three approved electives from the International Economics and Political Economy course list. Refer to §9.26.6 below.	
3.0		
3.0		
3.0	Five approved electives, <u>in at least two different disciplines</u> , from the International Politics, Security, and Organization course list. Refer to §9.26.6 below.	
3.0		
3.0		
3.0		
3.0	One approved electives from the Culture and International Affairs course list. Refer to §9.26.6 below.	
A minimum of three courses must be at the 300- or 400-level. INAF 400 will count toward this requirement.		
39.0	Subtotal: 65% major GPA required (sections B, C, and D)	
Section E: Open Electives		
36.0	12 elective courses	
A maximum of 14 introductory-level courses is permitted in the BA, refer to §9.7.4. Electives may be used to complete optional minor(s).		
120.0	Total: 60% PGPA required	

9.29.3.4 International Affairs Honours Concentration

Credit hours	BA Honours in International Studies, required courses	Student's record of courses completed
Section A: Arts Core requirements		
Section B: International Studies Core requirements		
Section C: International Studies Language requirements		
45.0	As stated above for the BA in International Studies	
Section D: International Affairs Concentration		
3.0	IS 240	
3.0	IS 440	
3.0	IS 498	
3.0	IS 499	
3.0	SOST 203	
3.0	Two approved electives from the International Development course list. Refer to §9.26.6 below.	
3.0		
3.0	Three approved electives from the International Economics and Political Economy course list. Refer to §9.26.6 below.	
3.0		
3.0		
3.0	Five approved <u>electives, in at least</u>	

3.0	two different disciplines, from the	
3.0	International Politics, Security,	
3.0	and Organization course list.	
3.0	Refer to §9.26.6 below.	
3.0		
3.0	One approved electives from the	
	Culture and International Affairs	
	course list. Refer to §9.26.6 below.	
A minimum of three courses must be at the 300- or 400-level.		
48.0	Subtotal: 75% major GPA required (sections B, C, and D)	
Section E: Open Electives		
27.0	9 elective courses	
A maximum of 14 introductory-level courses is permitted in the BA, refer to §9.7.4. Electives may be used to complete optional minor(s).		
120.0	Total: 70% PGPA required	

Rationale

This change has become necessary in order to ensure that students are exposed to more than one discipline in studying international political and security matters. This need arises from the interdisciplinary nature of the International Studies Program and the additions of many new History courses to the approved electives list in the International Politics, Security and Organization Section of the International Affairs concentration.