

## Minor Grad Program Changes in Geography (change from 6 to 3 credits in a required course)

Rationale for Proposed changes to ALL Geography Masters and Phd Programs listed below

GEOG 631 is our core, 2 term, entry grad seminar course and is required in all programs listed below (masters and doctorates). We have just (Sept 22, 2009) submitted a request to lower the course credits for GEOG631 from 6 credits to 3 credits, in order to bring all our masters to 45 credits (from 48) . Consequently we are also requesting that all our PhD credit requirements be reduced by 3 credits (from 12 to 9, in general see below).

**Below are the minor changes proposed to the listing (underlined text is to be removed).**  
I have inserted full course name (Geog 631) where credits are changing (6 to 3).

### 33.5 Program Requirements

#### Master's Programs

Students must pass the courses specified for their program, attend such additional courses as the Chair and the student's thesis supervisor think fit, and submit a thesis in an appropriate area of geographical inquiry approved by the advisor.

#### M.A. in Geography (Thesis)

(48 credits)

(becomes 45 credits)

#### M.Sc. in Geography (Thesis)

(48 credits) (becomes 45 credits)

#### Required Course (6 credits) (becomes 3)

GEOG 631 (6 to 3) Methods of Geographical Research

#### Complementary Courses (12 credits)

12 credits, four 3-credit courses at the 500 level or above selected according to guidelines of the Department.

#### Thesis Component – Required (30 credits)

GEOG 698 (6) Thesis Proposal

GEOG 699 (24) Thesis Research

#### M.A. in Geography (Thesis) – Environment Option/Concentration

(48 credits)

(becomes 45 credits)

#### M.Sc. in Geography (Thesis) – Environment Option/Concentration

(48 credits)

(becomes 45 credits)

#### Required Courses (12 credits) (becomes 9 credits)

ENVR 610 (3) Foundations of Environmental Policy

ENVR 650 (1) Environmental Seminar 1

ENVR 651 (1) Environmental Seminar 2

ENVR 652 (1) Environmental Seminar 3

GEOG 631 (6 to 3 credits) Methods of Geographical Research

#### Complementary Courses (12 credits)

9 credits of courses at the 500 level or higher selected according to guidelines of the Department.

3 credits, one of the following courses:

ENVR 519 (3) Global Environmental Politics

ENVR 544 (3) Environmental Measurement and Modelling

ENVR 580 (3) Topics in Environment 3

ENVR 611 (3) The Economy of Nature

ENVR 620 (3) Environment and Health of Species

ENVR 622 (3) Sustainable Landscapes  
ENVR 630 (3) Civilization and Environment 1  
ENVR 680 (3) Topics in Environment 4

or another course at the 500 level or higher recommended by the advisory committee and approved by the Environment Option Committee.

**Thesis Component – Required** (24 credits)

GEOG 698 (6) Thesis Proposal

GEOG 697 (18) Thesis Research (Environment Option)

**M.A. in Geography (Thesis) – Neotropical Environment Option/Concentration** (48 credits) (Becomes 45 credits)

**M.Sc. in Geography (Thesis) – Neotropical Environment Option/Concentration**

(48 credits)

(Becomes 45 credits)

**Required Courses** (12 credits) (becomes 9 credits)

BIOL 640 (3) Tropical Biology and Conservation

ENVR 610 (3) Foundations of Environmental Policy

GEOG 631 (6 to 3) Methods of Geographical Research

**Complementary Courses** (6 credits)

3 credits, one Geography graduate course, and 3 credits, one of the following courses:

AGRI 550 (3) Sustained Tropical Agriculture

BIOL 553 (3) Neotropical Environments

BIOL 641 (3) Issues in Tropical Biology

ENVR 611 (3) The Economy of Nature

ENVR 612 (3) Tropical Environmental Issues

ENVR 680 (3) Topics in Environment 4

POLI 644 (3) Tropical Environmental Politics

SOCI 565 (3) Social Change in Panama

**Thesis Component – Required** (30 credits)

GEOG 698 (6) Thesis Proposal

GEOG 699 (24) Thesis Research Participation in the MSE-Panama Symposium presentation in Montreal is also required.

**M.A. in Geography (Thesis) – Development Studies Option/Concentration** (48 credits) (Becomes 45 credits)

The Development Studies Option (DSO) is a cross-disciplinary M.A. program offered as an option within existing M.A. programs in the departments of Geography, History, Political Science, Anthropology, Economics, and Sociology. This thesis option is open to master's students specializing in development studies. Students enter through one of the participating departments and must meet the M.A. requirements of that unit. Students will take an interdisciplinary seminar and a variety of graduate-level courses on international development issues. The M.A. thesis must be on a topic relating to development studies, approved by the DSO coordinating committee.

**Required Courses** (9 credits) (becomes 6 credits)

GEOG 631 (6 to 3) Methods of Geographical Research

INTD 657 (3) Development Studies Seminar

**Complementary Courses** (9 credits)

9 credits of courses at the 500 level or higher related to geography and international development studies to be chosen in consultation with an advisor.

**Thesis Component – Required** (30 credits)

GEOG 698 (6) Thesis Proposal

GEOG 699 (24) Thesis Research

**M.A. in Geography (Thesis) – Gender and Women’s Studies Option/Concentration (48 credits) (Becomes 45 credits)**

The Graduate option in Gender and Women's Studies is an interdisciplinary program for students who meet the degree requirements in Geography who wish to earn 6 credits of approved coursework focusing on gender and women's studies, and issues in feminist research and methods. The student's M.A. thesis must be on a topic centrally relating to issues of gender and/or women's studies.

**Required Courses (9 credits) (becomes 6 credits)**

GEOG 631 (6 to 3) Methods of Geographical Research

WMST 601 (3) Feminist Theories and Methods

**Complementary Courses (9 credits)**

Two complementary substantive courses at the 500 level or above in Geography, and WMST 602 (3) Feminist Research Symposium or one 3-credit graduate course on gender/women's issues.

**Thesis Component - Required (30 credits)**

GEOG 698 (6) Thesis Proposal

GEOG 699 (24) Thesis Research

Note: Candidates for the M.A. degree follow an individual program approved by the Department.

**M.A. in Geography (Thesis) – Social Statistics Option/Concentration (48 credits) (becomes 45 credits)**

**Required Courses (9 credits) (becomes 6 credits)**

GEOG 631 (6 to 3 credits) Methods of Geographical Research

GEOG 634 (3) Quantitative Methods in Geography

**Complementary Courses (9 credits)**

3 credits, one of the following courses

ECON 668 (3) Seminar on Social Statistics

GEOG 668 (3) Seminar on Social Statistics

POLI 668 (3) Seminar on Social Statistics

SOCI 668 (3) Social Statistics 1

6 credits, two 3-credit graduate-level courses selected

according to guidelines of the Department.

**Thesis Component – Required (30 credits)**

GEOG 698 (6) Thesis Proposal

GEOG 699 (24) Thesis Research

**Ph.D. Programs**

Students must pass the courses specified for their program, attend such additional courses as the Chair and the student's thesis supervisor think fit, and submit a thesis based on original research in an appropriate area.

**Ph.D. in Geography (now min. 9 instead of 12 credits)**

**Required Course (6 credits) (becomes 3 credits)**

GEOG 631 (6 to 3) Methods of Geographical Research

**Complementary Courses (minimum 6 credits)**

6 credits, two 3-credit graduate-level courses selected according to guidelines of the Department.

**Comprehensives**

GEOG 700 (0) Comprehensive Examination 1

GEOG 701 (0) Comprehensive Examination 2

GEOG 702 (0) Comprehensive Examination 3

**Thesis**

### Ph.D. in Geography – Environment Option/Concentration

#### Required Courses (12 credits) (Becomes 9 credits)

ENVR 610 (3) Foundations of Environmental Policy

ENVR 650 (1) Environmental Seminar 1

ENVR 651 (1) Environmental Seminar 2

ENVR 652 (1) Environmental Seminar 3

GEOG 631 (6 to 3) Methods of Geographical Research

#### Complementary Courses (9 credits)

6 credits of courses at the 500 level or higher selected according to guidelines of the Department.

3 credits, one of the following courses:

ENVR 519 (3) Global Environmental Politics

ENVR 544 (3) Environmental Measurement and Modelling

ENVR 580 (3) Topics in Environment 3

ENVR 611 (3) The Economy of Nature

ENVR 620 (3) Environment and Health of Species

ENVR 622 (3) Sustainable Landscapes

ENVR 630 (3) Civilization and Environment 1

ENVR 680 (3) Topics in Environment 4

or another course at the 500 level or higher recommended by the advisory committee and approved by the Environment Option Committee.

#### Comprehensives

GEOG 700 (0) Comprehensive Examination 1

GEOG 701 (0) Comprehensive Examination 2

GEOG 702 (0) Comprehensive Examination 3

#### Thesis

### Ph.D. in Geography – Gender and Women's Studies Option/Concentration

The Graduate option in Gender and Women's Studies is an interdisciplinary program for students who meet the degree requirements in Geography who wish to earn 9 credits of approved coursework focusing on gender and women's studies, and issues in feminist research and methods. The student's doctoral thesis must be on a topic centrally relating to issues of gender and/or women's studies.

#### Required Courses (12 credits) (becomes 9 credits)

GEOG 631 (6 to 3) Methods of Geographical Research

WMST 601 (3) Feminist Theories and Methods

WMST 602 (3) Feminist Research Symposium or

#### Complementary Courses (6 credits)

Two complementary substantive courses. One of these two courses must be taken within the Department of Geography at the 500 level or above; one of the two courses must be on gender/women's issues at the 500, 600 or 700 level.

#### Comprehensives

GEOG 700 (0) Comprehensive Examination 1

GEOG 701 (0) Comprehensive Examination 2

GEOG 702 (0) Comprehensive Examination 3

#### Thesis

The topic must be centrally related to issues of gender and/or women's studies.

### Ph.D. in Geography – Neotropical Environment Option/Concentration

#### Required Courses (12 credits) (Becomes 9 credits)

BIOL 640 (3) Tropical Biology and Conservation

ENVR 610 (3) Foundations of Environmental Policy

GEOG 631 (6 to 3) Methods of Geographical Research

**Complementary Courses** (3 credits)

3 credits, one of the following courses

AGRI 550 (3) Sustained Tropical Agriculture

BIOL 553 (3) Neotropical Environments

BIOL 641 (3) Issues in Tropical Biology

ENVR 611 (3) The Economy of Nature ENVR 612 (3) Tropical Environmental Issues

ENVR 680 (3) Topics in Environment 4 POLI 644 (3) Tropical Environmental Politics

SOCI 565 (3) Social Change in Panama

**Comprehensives**

GEOG 700 (0) Comprehensive Examination 1

GEOG 701 (0) Comprehensive Examination 2

GEOG 702 (0) Comprehensive Examination 3

**Thesis**

Participation in the MSE-Panama Symposium presentation in Montreal is also required.