

Copies to:
Provost
Vice Chancellor for Admin & Finance
Deans
Outreach and Graduate Studies
Faculty Senate Chair
Faculty Senate Secretary
Registrar's Office (2)
Personnel Office
Date: 4-11-07

Faculty Senate • http://www.uwrf.edu/faculty_senate/welcome.html

Senators: Chair – Wes Chapin, Vice Chair – Ogden Rogers, Secretary – John Heppen, Executive Committee – Brenda Boetel and Glenn Potts

TO: Don Betz, Chancellor
116 North Hall
University of Wisconsin-River Falls

FROM: Wes Chapin, Chair
Faculty Senate
University of Wisconsin-River Falls

RE: UW-RF Faculty Senate Motion 2006-2007/88

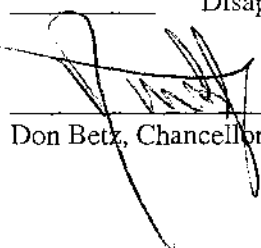
At the April 11, 2007 meeting of the University of Wisconsin-River Falls Faculty Senate, motion 2006-2007/88 was made, seconded, and passed. This motion is forwarded for your action:

A motion from APP to approve program changes in the Department of Geography and Mapping Sciences. (see attached)

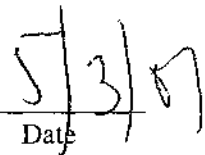
Motion 2006-2007/88 passed on April 11, 2007. This motion will take effect immediately.

Approved

Disapproved



Don Betz, Chancellor



Date



Department of Geography and Mapping Sciences • (715) 425-3264 • Fax (715) 425-0643 • www.uwrf.edu/geography

Memorandum

Date: 5 March 2007

To: Brad Caskey – Associate Dean, College of Arts and Sciences

From: Charles Radcr – Chair, Department of Geography and Mapping Sciences *Charlie Radcr*

Re: Program Changes for Geography and Mapping Sciences.

The following program changes to the programs in Geography and Mapping Sciences Department. These changes impact all majors and minors in the program. See attached edited program listing.

1. The following courses are to be permanently dropped from our curriculum. Results from our program review suggested that we reduce the number of courses taught by our department, furthermore, we no longer have the staff to support these courses:

GEOG 140 – World Regional Geography
GEOG 210 – Geography of Discovery and Exploration
GEOG 235 – American Landscape
GEOG 236 – Rural Geography
GEOG 238 – Geography of Women
GEOG 260 – Preparation for Geographic Information Systems
GEOG 335 – American Environment

2. We request a change in spelling to GEOG 365 – current catalog listing misspells Quantitative.

3. With the revision of GEOG 401 – Senior Colloquium in Geography from 2.0 to 3.0 credits, the major will now be 37 credits rather than 36 credits. This reflects curriculum driven changes due to the incorporation of additional use of analytical techniques and a poster presentation into the course.

4. Geography 455 – Animated and Interactive Cartography has approved for our curriculum. This course should be added to our major and minor electives as follows.

GEOG MAJORS add course to DIRECTED ELECTIVES (Systematic) and ELECTIVES
GEOG MINORS add course to ELECTIVES
GIS/CART MINORS add course to GROUP A DIRECTED ELECTIVES

5. We request that the references to GEOGRAPHIC INFORMATION SYSTEMS/CARTOGRAPHY MINOR, or GIS/CARTOGRAPHY MINOR be made consistent throughout our catalog course matrix it is listed in different orders in our catalog copy. This appears in the GEOG MAJOR – LIBERAL ARTS with CARTOGRAPHY MINOR and in GIS/CARTOGRAPHY MINOR WITHOUT A GEOGRAPHY MAJOR in two references.

Geography (GEOG)
Department of Geography and Mapping Sciences
College of Arts and Sciences

344 Kleinpell Fine Arts Building
(715) 425-3264
www.uwrf.edu/geography/

Charles Rader—Chair, Mathew Doolley, John Heppen, Donald Petzold

Geography is a wide-ranging discipline which asks two questions: “Where are things located?”, but even more important, “Why are they located where they are?” While the answer to the former is largely descriptive, the answer to the latter is based on analysis of data. The modern geographer uses data from many sources to assess the constantly changing physical and human landscapes of the earth’s surface from local to global scales. Mapping and analyzing these physical and cultural patterns with the aid of Geographic Information Systems (GIS) involve geographers in many types of decision making. The geography major allows students to relate their studies in the humanities and social sciences to their work in the natural sciences. The geography curriculum can be tailored to those who have broad interdisciplinary interests and to those who have a focused interest in one of the geography subfields: human geography, physical geography or Geographic Information Systems (GIS) and cartography. In addition to the geography major and minor, the department offers a GIS/Cartography minor. Coursework prepares students for careers in GIS applications and digital map production. The department offers various courses in cartographic theory, GIS, and map design. All GIS and cartography courses are computer based.

General Education Requirements

BA and BS Liberal Arts majors as listed on pages 22-23.

BS Education majors as listed on pages 31-32.

Geography Major—Liberal Arts

Geography Major - Liberal Arts: 17 Total Credits

Deleted: 36

(without a Cartography Minor)

Required Courses: 18 cr. hrs.

GEOG 110 Physical Environment: Patterns and Systems 3 cr.

GEOG 111 Lab for Physical Environment: Patterns and Systems 1 cr.

GEOG 120 Human Geography 3 cr.

GEOG 240 United States 3 cr.

GEOG 250 Introduction to Cartography and GIS 3 cr.

GEOG 365 Quantitative Techniques for Geographers and Cartographers 3 cr.

GEOG 401 Senior Colloquium in Geography 3 cr.

Directed Electives 6 cr. hrs.

Choose 3 credits from the following:

GEOG 241 Wisconsin 3 cr.

GEOG 242 Canada 3 cr.

GEOG 340 Europe 3 cr.

GEOG 342 Latin America 3 cr.

GEOG 343 Africa 3 cr.

GEOG 344 Asia and Oceania 3 cr.

Choose 3 credits from the following:

GEOG 212 Weather and Climate 3 cr.

GEOG 213 Landforms of North America 3 cr.

GEOG 214 World Patterns of Plants and Animals 3 cr.

GEOG 220 Economic Geography 3 cr.
 GEOG 237 Poverty in the United States 3 cr.
 GEOG 255 Thematic Map Design 3 cr.
 GEOG 316 The Physical Environment of Urban Areas 3 cr.
 GEOG 322 Urban Geography 3 cr.
 GEOG 324 Historical Geography of the United States 3 cr.
 GEOG 360 Geographic Information Systems: Theory and Methods 3 cr.
 GEOG 368 Geoprocessing Techniques 3 cr.
 GEOG 378 Semester Abroad 3-6 cr.
 GEOG 379 Geography Internship 3-12 cr.
 GEOG 385 Interdisciplinary Seminar on the American Frontier 3 cr.
 GEOG 389 Topics in Geography 5-3 cr.
 GEOG 412 Advanced Climatology 3 cr.
 GEOG 428 Political Geography 3 cr.
 GEOG 450 Advanced Map Design and Production 3 cr.
 GEOG 455 ~~Animated and Interactive Cartography 3 cr.~~*
 GEOG 460 Advanced Geographic Information Systems 3 cr.
 GEOG 490 Readings in Geography 1-3 cr.
 GEOG 499 Independent Study 1-2 cr.

Electives: 12 cr. hrs.

Must be numbered 200 and above with at least one numbered 400 or above, see courses listed in Directed Electives.

Geography Major - Liberal Arts with GIS/Cartography Minor

Geography Major - Liberal Arts with GIS/Cartography Minor

Major Requirements 37 Total Credits

Required Courses: 15 cr. hrs.

GEOG 110 Physical Environment: Patterns and Systems 3 cr.
 GEOG 111 Lab for Physical Environment: Patterns and Systems 1 c.
 GEOG 120 Human Geography 3 cr.
 GEOG 240 United States 3 cr.
 GEOG 365 Quantitative Techniques for Geographers and Cartographers 3 cr.
 GEOG 401 Senior Colloquium in Geography 3 cr.

Directed Electives: 6 cr. hrs.

(See Geography Major without a Cartography Minor)

Electives: 15 cr. hrs.

(See Geography Major without a Cartography Minor)

Geography Minor - Liberal Arts

Geography Minor - Liberal Arts: 22 Total Credits

Required Courses: 13 cr. hrs.

GEOG 110 Physical Environment: Patterns and Systems 3 cr.
 GEOG 111 Lab for Physical Environment: Patterns and Systems 1 cr.
 GEOG 120 Human Geography 3 cr.
 GEOG 240 United States 3 cr.
 GEOG 250 Introduction to Cartography and GIS 3 cr.

Electives: 9 cr. hrs.

(Courses numbered 200 and above)

← GEOG 455

Geography Minor - Elementary and Secondary Education

Geography Minor - Elementary and Secondary Education: 22 Total Credits

Deleted: 36

Required Courses: 16 cr. hrs.

GEOG 110 Physical Environment: Patterns and Systems 3 cr.

GEOG 111 Lab for Physical Environment: Patterns and Systems 1 cr.

GEOG 120 Human Geography 3 cr.

GEOG 240 United States 3 cr.

GEOG 241 Wisconsin 3 cr.

GEOG 250 Introduction to Cartography and GIS 3 cr.

General Electives: 6 cr. hrs.

(Courses numbered 200 and above) ← GEOG 455 included

Geographic Information Systems/Cartography Minor

GIS/Cartography Minor: 21 Total Credits

(with a Geography Major)

Required Courses: 12 cr. hrs.

GEOG 250 Introduction to Cartography and GIS 3 cr.

GEOG 255 Thematic Map Design 3 cr.

GEOG 360 GIS: Theory and Methods 3 cr.

GEOG 368 Geoprocessing Techniques 3 cr.

Directed Electives: 9 cr. hrs.

GROUP A: Choose 6 or 9 credits from the following:

GEOG 450 Advanced Map Design and Production 3 cr.

~~GEOG 455 Animated and Interactive Cartography 3 cr.~~*

GEOG 460 Advanced GIS 3 cr.

GEOG 379 Geography Internship 3-12 cr.

GROUP B: If 6 credits were chosen from Group A, then choose 3 credits from the following:

GENG 235 Surveying 3 cr.

ESM 333 Remote Sensing of Natural Resources 3 cr.

ESM 363 GIS Applications in Resource Management 3 cr.

ART 225 Advertising Design I 3 cr.

CSIS 151 Introduction to Programming 3 cr.

CSIS 161 Programming I 3 cr.

CSIS 225 Web Development I 3 cr.

GIS/Cartography Minor 21 Total Credits

(without a Geography Major)

Required Courses: 12 cr. hrs.

(See ~~GIS~~/Cartography Minor with a Geography Major)

Directed Electives: 9 cr. hrs.

GROUP A: (See ~~GIS~~/Cartography Minor with a Geography Major Group A)

GROUP B: If 6 credits were chosen from Group A, then choose 3 credits from the following:

GEOG 365 Quantitative Techniques for Geographers 3 cr.

GENG 235 Surveying 3 cr.

ESM 333 Remote Sensing of Natural Resources 3 cr.

ESM 363 GIS Applications in Resource Management 3 cr.

ART 225 Advertising Design I 3 cr.

CSIS 151 Introduction to Programming 3 cr.

CSIS 161 Programming I 3 cr.

CSIS 225 Web Development I 3 cr.

TRANSMITTAL for UNDERGRADUATE PROGRAMS: Changes or Proposals

I. INFORMATION:

A. Check all that apply: New Program Existing Program
 Name Change Credits Change
 Substantial Major / Minor Content Change Emphasis/Option Change

B. Program Title: Geography

C. Department(s) (Originating): Geography and Mapping Sciences

D. College(s) (Originating): College of Arts and Sciences

E. Other Programs / Departments Consulted (Requires letters of support from all Departments or Programs substantially affected):

- 1) _____ 2) _____
- 3) _____ 4) _____

F. Date of Implementation: Fall Semester 2007 Year

G. Have all courses in this program been approved? Yes No If "No", which ones? GEOG 401 - Senior Colloquium in Geography (under revision)

H. Attach Request Narrative

II. UNIT APPROVALS: Requires signatures of all Department Chairs and Deans whose programs will be substantially affected by the changes or proposal. Signature lines for the affected Departments and Colleges (noted in "E" above), are on the back of this form. These signatures should be obtained prior to review by all other shared governance levels.

	Signature	Date
Department Curriculum Committee Chair (optional)	_____	_____
Department Chair	<u>Charles P. Rade</u>	<u>3/1/07</u>
College Curriculum Cmtt. Chair	<u>[Signature]</u>	<u>3/8/07</u>
Dean of College	<u>[Signature]</u>	<u>3/14/07</u>
University Curriculum Cmtt. Chair	<u>[Signature]</u>	<u>3/20/07</u>
Academic Policy & Program Cmtt. Chair	<u>[Signature]</u>	<u>3/30/07</u>
Faculty Senate Chair	<u>[Signature]</u>	<u>4/11/07</u>
Provost / Vice Chancellor	<u>[Signature]</u>	<u>4/17/07</u>
Chancellor	<u>[Signature]</u>	<u>5/3/07</u>

*NOTE: The master copy of this transmittal & accompanying documents must be filed in the Provost's office upon final approval. The Provost's office will notify all appropriate administrative offices [Registrar, Dean(s), & Department Chair(s)] of approvals & necessary actions to implement changes.