

<b>Fiscal Unit/Academic Org</b>	Geography - D0733
<b>Administering College/Academic Group</b>	Social And Behavioral Sciences
<b>Co-administering College/Academic Group</b>	
<b>Semester Conversion Designation</b>	Converted with minimal changes to program goals and/or curricular requirements (e.g., sub-plan/specialization name changes, changes in electives and/or prerequisites, minimal changes in overall structure of program, minimal or no changes in program goals or content)
<b>Current Program/Plan Name</b>	Geography Minor
<b>Proposed Program/Plan Name</b>	Geography Minor
<b>Program/Plan Code Abbreviation</b>	GEOG-MN
<b>Current Degree Title</b>	

## Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		23	15.3	14	1.3
Required credit hours offered by the unit	Minimum	23	15.3	14	1.3
	Maximum	25	16.7	17	0.3
Required credit hours offered outside of the unit	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	0	0.0
Required prerequisite credit hours not included above	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	0	0.0

## Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

### Program Learning Goals

## Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

Is this a degree program (undergraduate, graduate, or professional) or major proposal? No

## Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

## Pre-Major

Does this Program have a Pre-Major? No

**Attachments**

- Division Cover Letter for Geography.doc: Division Letter  
*(Letter from the College to OAA. Owner: Mumy, Gene Elwood)*
- Subcommittee chair\_Geo minor\_Lett.docx: CCI Subcommittee Chair Letter  
*(Other Supporting Documentation. Owner: Vankeerbergen, Bernadette Chantal)*
- Attachment 2\_Undergrad Minor\_121010.docx: Attachment 2  
*(Program Proposal. Owner: Pernik, Juliana Christine)*

**Comments****Workflow Information**

Status	User(s)	Date/Time	Step
Submitted	Pernik, Juliana Christine	09/30/2010 03:31 PM	Submitted for Approval
Approved	Mansfield, Becky Kate	09/30/2010 03:36 PM	Unit Approval
Revision Requested	Mumy, Gene Elwood	10/14/2010 12:07 PM	College Approval
Submitted	Pernik, Juliana Christine	11/15/2010 02:52 PM	Submitted for Approval
Approved	Mansfield, Becky Kate	11/15/2010 04:38 PM	Unit Approval
Revision Requested	Mumy, Gene Elwood	11/23/2010 08:42 PM	College Approval
Submitted	Pernik, Juliana Christine	11/24/2010 10:05 AM	Submitted for Approval
Approved	Mansfield, Becky Kate	11/24/2010 10:14 AM	Unit Approval
Approved	Mumy, Gene Elwood	11/24/2010 09:32 PM	College Approval
Revision Requested	Vankeerbergen, Bernadette Chantal	12/10/2010 01:58 PM	ASCCAO Approval
Submitted	Pernik, Juliana Christine	12/13/2010 03:53 PM	Submitted for Approval
Approved	Mansfield, Becky Kate	12/13/2010 04:02 PM	Unit Approval
Approved	Mumy, Gene Elwood	12/14/2010 12:55 PM	College Approval
Pending Approval	Nolen, Dawn Jenkins, Mary Ellen Bigler Meyers, Catherine Anne Vankeerbergen, Bernadette Chantal Hanlin, Deborah Kay	12/14/2010 12:55 PM	ASCCAO Approval



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November 10,

Professor Larry Krissek  
Chair, Arts and Sciences CCI

Dear Professor Krissek:

At the undergraduate level the Department of Geography has six major programs:

1. Environment and Society (BA)
2. Climatology and Physical Geography Specialization (BS)
3. Spatial Analysis (BS)
4. Urban, Regional and Global Studies (BA)
5. Geographic Information Science (BS) Tagged Major, pending
6. Atmospheric Science (BS) Tagged Major, pending

Atmospheric Science and Geographic Information Science are new degrees approved early this year at the University level but have not yet been given final approval by the Board of Regents. We are fairly confident that they will receive BOR approval and Geography has presented semester transition plans with only minor changes except for a reduction of sequences in the GIS major to eliminate possible transition programs in sequenced courses.

At the time the new degrees were being developed Geography also revised the entire Geography major and its specializations. These revisions were also approved by CAA early this year so the semester conversion plans contain minimal changes.

These conversion plans were reviewed by me and the Social Sciences Disciplinary Advisory Panel (SS DAP). The SS DAP and I support Geography's conversion plans and submit them to you for CCI's consideration.

At the undergraduate level the Department also has a Geography minor. Currently the minor requires a choice of five courses in one of four tracks. As detailed in the program rationale, students interested in the minor often have interests that cross the boundaries of the tracks leading to a host of exceptions being made to the requirement of staying in a track. As a result, the semester conversion plan allows a student to take five courses of interest in any area of Geography and Atmospheric Sciences but adds a depth requirement by adding the condition that no more than two courses can be at the 2000-level and at least one must be at the 4000-level or higher; and the program must be approved by the undergraduate advisor.

The SS DAP and I think this is a positive change to the minor and have approved it. I therefore submit it to you for CCI's approval.

Sincerely,

A handwritten signature in black ink that reads "Gene E. Mumy".

Gene E. Mumy  
Associate Dean of Arts and Sciences/Social and Behavioral Sciences





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December 2, 2010

Professor Larry Krissek  
Chair, Arts and Sciences CCI  
Re: Geography Minor

Dear Professor Krissek:

At the November 29, 2010 meeting of the Mathematics and Social, Behavioral, and Natural Sciences CCI Subcommittee the semester conversion plans for the Geography Minor, submitted by the Department of Geography, was reviewed. This proposal presents an updated program for the minor. The new plan has removed the requirement for students to choose five courses from within one of four tracts and replaced this with an open plan. In the open plan students would choose five courses from any of the previously identified areas. It was stated that students choose the Geography minor for a wide variety of reasons and this new plan would better serve student's specific interests and needs.

Following our discussion, the subcommittee unanimously approved the proposal and we have submitted it for the next step in the approval process.

Sincerely,

Charles J. Daniels, Ph.D.  
Professor  
Acting Subcommittee Chair for Nov. 24

## Geography Minor Semester Proposal – Attachment 2

To: OAA

Date: 6/14/2010

### Cover Letter for Proposals from the Department of Geography

This is the transmittal cover letter to the Office of Academic Affairs that reflects the efforts by the Department of Geography under Quarter to Semester Conversion.

The department used a series of committee and special purpose task forces to review programs and courses. Having recently proposed substantial revisions to our majors, we were in relatively good position to begin the Q to S process.

There has been a tremendous effort to accomplish these planned changes, with commendable input from Professor Becky Mansfield (Undergraduate), Jay Hobgood (Atmospheric Science), and Darla Munroe (Graduate). The graduate level documents are still being finalized.

The department recommends approval of these changes, which by and large are converted with minimal changes to program goals and/or curricular requirements at the undergraduate level. A recently approved set of revisions to the Majors has been incorporated into our planned semester version. *[There are minimal name changes, changes in electives and/or prerequisites, minimal changes in overall structure of program, minimal or no changes in program goals or content.]*

The graduate courses are minimally changed, but there is expected to be a complete re-write of our graduate manual to organize these classes in a way that conveys greater advisor flexibility. The department will seek appropriate approval for any substantive track or programs changes built around our existing graduate courses.

### The following are the programs in the department:

#### a. Undergraduate bachelors degree programs and/or majors

1. Environment and Society (BA)
2. Climatology and Physical Geography Specialization (BS)
3. Spatial Analysis (BS)
4. Urban, Regional and Global Studies (BA)
5. Geographic Information Science (BS) Tagged Major, pending
6. Atmospheric Science (BS) Tagged Major, pending

#### b. Undergraduate minors

A minor in geography is available to any Arts and Sciences student who is not already majoring in geography.

## Geography Minor Semester Proposal – Attachment 2

c. Undergraduate associate degree programs

n/a

d. Graduate degree programs

1. M.A. in Geography
2. Ph.D. in Geography
3. M.S. in Atmospheric Science
4. Ph.D. in Atmospheric Science

e. Graduate minors

n/a

f. Graduate certificate programs

n/a

g. Graduate interdisciplinary specializations

Graduate Interdisciplinary Specialization in Geo-Spatial Data Analysis.

Since the interdisciplinary specialization requires elements from many other degree programs, we plan to finalize these syllabi and arrangements after the initial round of graduate degree courses has been screened.

h. Professional degree programs

n/a

i. Combined programs (e.g., BS/MS, Ph.D./ MD)

n/a

For the record, no programs are being withdrawn. The details in the balance of the template are incorporated by reference, and are being revised to ensure technical compliance with the templates.

Thank you for attention to these proposals

Morton O’Kelly  
Professor & Chair  
Department of Geography

### **Program Rationale Statement**

Currently, in the quarter system, the minor requires that students choose a one of four tracks, each with a distinct list of courses: Atmospheric and Climatic Studies; People, Society, and Environment; Urban and Regional Systems; or Analytical Cartography and GIS. Within their chosen track, each student chooses five courses from the provided list.

The last revision to the Geography minor was in 2004, when the fourth track was added. Other parts of the minor have not been revised in the past decade. During this time, we have found that students who choose the Geography minor have a wide variety of reasons for so doing, and an equally wide variety of specific interests. Because of this, we find that we are often making exceptions to the structure of the minor, allowing students to choose courses from more than one list. That is, we have found that the lists the department provided did not match student interest or needs.

For semesters, students will still be able to choose five courses, but they will no longer be limited to a subset of our courses, delimited by track. Instead, students will be able to choose any five Geography or Atmospheric Science courses based on their specific interests and needs, in consultation with the undergraduate advisor and/or honors coordinator.

This proposal was developed by the Undergraduate Studies Committee with consultation with faculty. A consensus was achieved through discussion via email and at faculty meetings.



**List of semester courses in the program**

All courses in the program can be included in the minor. This includes all Geography and Atmospheric Sciences courses.

**Semester Advising Sheet**

<b>Geography Minor Advising Sheet SEMESTERS</b>			
Course	Credit Hours	Grade	
1.			
2.			
3.			
4.			
5.			
	Total Minor Hours		
	Minimum Minor Hours		14-15
Advisor Signature and Date:			
Name:			
Major/Specialization:			
Campus ID:			
<b>Choose 5 courses in Geography or Atmospheric Sciences, as approved by the undergraduate advisor</b>			
<b>No more than two courses can be at the 2000-level, and at least one must be 4000-level or higher</b>			
<b>No more than 3 credit hours may be of internship (x191), research (x998, x999), and/or individual study (x193)</b>			

**Quarter Advising Sheet**

<b>Geography Minor Advising Sheet QUARTERS</b>			
Specialization:			
Course	Credit Hours	Grade	
	Total Minor Hours		
	Minimum Minor Hours		23-25
Advisor Signature and Date:			
Name:			
Major/Specialization:			
Campus ID:			
<b>Choose 5 courses within one of four groups:</b>			
GROUP 1: Atmospheric and Climatic Studies		10 courses in group	
GROUP 2: People Society and Environment		17 courses in group	
GROUP 3: Urban and Regional Systems		31 courses in group	
GROUP 4: Analytical Cartography and GIS		7 courses in group	

**Transition policy**

Because of the flexibility built into the minor, there should be no difficulty for students as we move to semesters.