

<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
<b>Proposed Program/Plan Name</b>	Geography
<b>Program/Plan Code Abbreviation</b>	GEOG-BA
<b>Current Degree Title</b>	Bachelor of Arts

**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		55	36.7	33	3.7
Required credit hours offered by the unit	Minimum	50	33.3	30	3.3
	Maximum	55	36.7	33	3.7
Required credit hours offered outside of the unit	Minimum	0	0.0	0	0.0
	Maximum	5	3.3	3	0.3
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**
- Students acquire fundamental concepts of geography
  - Students achieve familiarity with methods used in geography
  - Students can communicate geographical concepts and methods orally, visually, and/or in writing
  - Students apply geographical concepts and methods in experiential settings, including internships, field work, study abroad, research, and through international experience.

**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? Yes**

**Does the degree program or major have an assessment plan on file with the university Office of Academic Affairs? Yes**

**Summarize how the program's current quarter-based assessment practices will be modified, if necessary, to fit the semester calendar.**

For our assessment, we use a variety of direct and indirect methods, none of which depend upon whether the program is run under quarters or semesters. As a result, we do not anticipate any changes to our assessment practices under the semester system.

## 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.

**Program Specialization/Sub-Plan Name** Urb Reg Global Stds (Existing)  
**Program Specialization/Sub-Plan Goals** • URBAN, REGIONAL, AND GLOBAL STUDIES SPECIALIZATION

## Pre-Major

Does this Program have a Pre-Major? No

## Attachments

- Attachment 3\_Undergrad URGS\_110210.docx: Attachment 3  
*(Curricular Map(s). Owner: Pernik, Juliana Christine)*
- Division Cover Letter for Geography.doc: Attachment 1  
*(Letter from the College to OAA. Owner: Mumy, Gene Elwood)*
- Sciences CCI Chair--Cover Letter for Geography Majors.doc: CCI Subcommittee Chair letter  
*(Other Supporting Documentation. Owner: Vankeerbergen, Bernadette Chantal)*
- Attachment 2\_Undergrad URGS\_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 03:27 PM	Submitted for Approval
Approved	Mansfield, Becky Kate	09/30/2010 03:36 PM	Unit Approval
Revision Requested	Mumy, Gene Elwood	10/14/2010 12:00 PM	College Approval
Submitted	Pernik, Juliana Christine	11/02/2010 11:29 AM	Submitted for Approval
Approved	Mansfield, Becky Kate	11/02/2010 12:47 PM	Unit Approval
Approved	Vanarsdale, Sonya Renee	11/02/2010 02:37 PM	College Approval
Revision Requested	Vankeerbergen, Bernadette Chantal	11/12/2010 01:02 PM	ASCCAO Approval
Submitted	Pernik, Juliana Christine	11/15/2010 02:40 PM	Submitted for Approval
Approved	Mansfield, Becky Kate	11/15/2010 04:38 PM	Unit Approval
Approved	Mumy, Gene Elwood	11/15/2010 05:15 PM	College Approval
Revision Requested	Vankeerbergen, Bernadette Chantal	12/10/2010 01:58 PM	ASCCAO Approval
Submitted	Pernik, Juliana Christine	12/13/2010 03:48 PM	Submitted for Approval
Approved	Mansfield, Becky Kate	12/13/2010 04:01 PM	Unit Approval
Approved	Mumy, Gene Elwood	12/15/2010 08:17 AM	College Approval
Pending Approval	Nolen, Dawn Jenkins, Mary Ellen Bigler Meyers, Catherine Anne Vankeerbergen, Bernadette Chantal Hanlin, Deborah Kay	12/15/2010 08:17 AM	ASCCAO Approval



College of Arts and Sciences

186 University Hall  
230 North Oval Mall  
Columbus, OH 43210

Phone (614) 292-1667  
Fax (614) 292-8666

Web [artsandsciences.osu.edu](http://artsandsciences.osu.edu)

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.

Sincerely,

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

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



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November 23, 2010

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

Dear Professor Krissek:

At the CCI's Sciences Subcommittee meeting of November 10, 2010 the semester conversion plans for the following six majors provided by the Department of Geography were reviewed:

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.

The first four majors were in place when Geography decided to propose new Atmospheric Sciences and Geographic Information Science majors. To align the existing majors with the two new ones and to prevent overlap, the Department also substantially revised its four existing majors. The new majors and the revisions were all approved by CAA in January 2010. As a result there was no need to rethink the structure of any major for calendar conversion and all conversions are with minimal changes.

Actually about the only minimal change was to eliminate a sequence in the core courses of the GIS major to avoid transition problems and the need for bridge courses. Other than that all of the conversions are very direct. As a result the committee voted on November 10 to approve the Atmospheric Sciences (unanimously approved) and Geography Environment and Society BA. After receiving clarification on some minor points the committee approved the other four majors in an electronic ballot.

It is my pleasure to now submit these majors to you for the next step in the approval process.

Sincerely,

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

Gene E. Mummy  
Acting Subcommittee Chair for Nov. 10  
Associate Dean of Arts and Sciences/Social and Behavioral Sciences

## Undergraduate URGS 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.

## Undergraduate URGs 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

The Geography major (all four specializations) was last revised in 2010 (approved in January), with implementation in spring term. Proposed in autumn 2008, this extensive revision was the result of extensive consultation with faculty and students, and responds to suggestions from an external review in 2006.

Because we are only now implementing this revised program, very few changes are being made to the curriculum for semesters. The current program proposals were developed by the Undergraduate Studies Committee with consultation with faculty. A consensus was achieved through discussion via email and at faculty meetings.

The only changes to Urban, Regional, and Global Studies specialization were slight revisions in the lists of courses for each set of electives (methods, introductory and intermediate level courses, and advanced courses).

## List of Semester Courses

Segment of Major Program and nature of conversion	Semester course number	Semester course name	Units
<b>Required Prerequisites or Supplements to the Major</b>			
	None		
<b>Required courses (9 hours)</b>			
	2100	Human Geography	3
	4100	Geographic Inquiry	3
	4101	Undergraduate Research and Professionalization Seminar	3
<b>Electives (complete all categories):</b>			
<b>1. Choice of two of the following methods courses (6 hours):</b>			
	5100	Quantitative Geographical Methods	3
	5200	Elements of Cartography	3
	5201	Computer Cartography and Geographical Visualization	3
	5220	Fundamentals of Geographic Information Systems	3
	5221	Spatial Simulation and Modeling in GIS	3
	5222	GIS Applications in Social Science and Business	3
	5223	Design and Implementation of GIS	3
	5270	Geographical Applications of Remote Sensing	3
<b>2. Choice of three introductory and intermediate courses (9 hours):</b>			

Undergraduate URGS Semester Proposal – Attachment 2

	2400 OR 2400H	Economic and Social Geography	3
	2500	Cities and their Global Spaces	3
	3300	Transportation Security	3
	3600 OR 3600H	Space, Power, and Political Geography	3
	3601	Modern Geopolitical Imagination	3
	3701	Making of the Modern World	3
	3702	Life and Death Geographies: Global Population Dynamics	3
	3751	Geography of North America	3
	3752	Geography of Ohio	3
	3753	Geography of Latin America	3
	3754	Geography of the European Union	3
	3755	Geography of the Former Soviet Union	3
	3881	World Urbanization	3
Successor to	ES	Water Security in the 21st Century	3
<b>3. Choice of three advanced courses: (9 hours)</b>			
	5300	Geography of Transportation	3
	5401	Economies, Space and Society	3
	5402	Land Use Geography	3
	5501	Urban Spaces in the Global Economy	3
	5502	Social Cities	3
	5601	Geographies of Governmentalities	3
	5602	Conflict, Power, and Politics in the City	3
	5700	Geography of Development	3
	5751	New Worlds of Latin America	3
	5752	South Africa: Society and Space	3



## Semester Advising Sheet

<b>Urban, Regional, and Global Studies Advising Sheet SEMESTERS</b>			
<b>Segment of Major Program and Course Number</b>	<b>Course name</b>	<b>Credits</b>	<b>Grade</b>
<b>Required Prerequisites or Supplements to the Major</b>			
None			
<b>Required courses (9 hours)</b>			
2100	Human Geography	3	
4100	Geographic Inquiry	3	
4101	Undergraduate Research and Professionalization Seminar	3	
<b>Electives (complete all categories):</b>			
<b>1. Choice of two of the following methods courses (6 hours):</b>			
5100	Quantitative Geographical Methods	3	
5200	Elements of Cartography	3	
5201	Computer Cartography and Geographical Visualization	3	
5220	Fundamentals of Geographic Information Systems	3	
5221	Spatial Simulation and Modeling in GIS	3	
5222	GIS Applications in Social Science and Business	3	
5223	Design and Implementation of GIS	3	
5270	Geographical Applications of Remote Sensing	3	
<b>2. Choice of three introductory and intermediate courses (9 hours):</b>			
2400 OR 2400H	Economic and Social Geography	3	
2500	Cities and their Global Spaces	3	
3300	Transportation Security	3	
3600 OR 3600H	Space, Power, and Political Geography	3	
3601	Modern Geopolitical Imagination	3	
3701	Making of the Modern World	3	
3702	Life and Death Geographies: Global Population Dynamics	3	
3751	Geography of North America	3	
3752	Geography of Ohio	3	
3753	Geography of Latin America	3	
3754	Geography of the European Union	3	
3755	Geography of the Former Soviet Union	3	
3881	World Urbanization	3	
Successor to ES	Water Security in the 21st Century	3	
<b>3. Choice of three advanced courses: (9 hours)</b>			
5300	Geography of Transportation	3	
5401	Economies, Space and Society	3	
5402	Land Use Geography	3	
5501	Urban Spaces in the Global Economy	3	
5502	Social Cities	3	
5601	Geographies of Governmentalities	3	
5602	Conflict, Power, and Politics in the City	3	
5700	Geography of Development	3	
5751	New Worlds of Latin America	3	
5752	South Africa: Society and Space	3	
<b>Total Program Hours</b>			
<b>Minimum Program Hours</b>		33	
Advisor Signature and Date:			
Name:			
Major/Specialization:			
Campus ID:			

## Quarter Advising Sheet

<b>Urban, Regional, and Global Studies Advising Sheet QUARTERS</b>			
<b>Segment of Major Program and Course Number</b>	<b>Quarter course name</b>	<b>Credit hours</b>	<b>Grade</b>
<b>Required Prerequisites or Supplements to the Major</b>			
None			
<b>Required courses (15 hours)</b>			
205	Human Geography	5	
600	Geographic Inquiry	5	
695	Undergraduate Research and Professionalization Seminar	5	
<b>Electives (complete all categories):</b>			
<b>1. Choice of two of the following methods courses (10 hours):</b>			
480	Map Reading and Interpretation	5	
580	Elements of Cartography	5	
607	Fundamentals of Geographic Information Systems	5	
680	Computer Cartography and Geographical Visualization	5	
683	Quantitative Geographical Methods	5	
685	Intermediate Geographic Information Systems	5	
<b>2. Choice of three more introductory courses (15 hours):</b>			
240	Economic and Social Geography	5	
400	Geography of North America	5	
401	Geography of Ohio	5	
445	Transportation Security	5	
450	Making of the Modern World	5	
455	Cities and their Global Spaces	5	
460	Space, Power, and Political Geography	5	
465	Modern Geopolitical Imagination	5	
470	Life and Death Geographies: Global Population Dynamics	5	
ES 411	Water Security in the 21 <sup>st</sup> Century Earth Sciences 411	5	
<b>3. Choice of three advanced courses: (15 hours)</b>			
505	Geography of Latin America	5	
510	Geography of the European Union	5	
511	Geography of Eastern Europe	5	
512	Geography of the Former Soviet Union	5	
513	South Asia: Ecology, Economy, Polity	5	
597.01	World Urbanization	5	
605	New Worlds of Latin America	5	
608	South Africa: Society and Space	5	
640	Economies, Space and Society	5	
643	Geographies of Governmentalities	5	
642	Geography of Development	5	
645	Geography of Transportation	5	
650	Urban Spaces in the Global Economy	5	
652	Social Cities	5	
655	Land Use Geography	5	
660	Conflict, Power, and Politics in the City	5	
<b>Total Program Hours</b>			
<b>Minimum Program Hours</b>		<b>55</b>	
Advisor Signature and Date:			
Name:			
Major/Specialization:			
Campus ID:			

**Transition policy**

Students who began their degree under quarters will not be penalized as we move to semesters, either in terms of progress towards their degree or their expected date of graduation. The sequence of classes in the major is very flexible. We do not see the need for any bridge courses in Geography.

**Curriculum map, indicating how program goals are accomplished via specific courses**

	KEY:	1=Beg.	2=Int.	3=Adv.
	Learning outcome A	Learning outcome B	Learning outcome C	Learning outcome D
<b>Required Prerequisites or Supplements to the Major</b>	NONE			
<b>Required courses</b>				
2100	1	1	1	1
4100	3	3	3	
4101		3	3	3
<b>Electives (complete all categories):</b>				
<b>Methods courses:</b>				
5100	2	2		
5200	1	1	2	1
5201	2	2	3	
5220	1	1		
5221		2	2	3
5222		2	2	3
5223	3	2		3
5270	2	2		2
<b>Introductory and intermediate courses:</b>				
2400 OR 2400H	1		1	
2500	1		1	
3300	2	2	2	
3600 OR 3600H	2		2	2 (honors)
3601	2		2	2
3701	2		2	2
3702	2	2	2	
3751	2		2	
3752	2		2	
3753	2		2	
3754	2		2	
3755	2		2	
3881	1		1	
Successor to ES 411	2			
<b>Advanced courses:</b>				
5300	3	2		
5401	3		2	
5402	3	2	2	2
5501	3		2	2
5502	3		2	
5601	3		3	3
5602	3		2	
5700	3		2	3
5751	3		3	3
5752	3		2	

### Undergraduate GIS Semester Proposal – Attachment 3

Learning Outcome A: Students acquire fundamental concepts of geography

Learning Outcome B: Students achieve familiarity with methods used in geography

Learning Outcome C: Students can communicate geographical concepts and methods orally, visually, and/or in writing

Learning Outcome D: Students apply geographical concepts and methods in experiential settings, including internships, field work, study abroad, research, and through international experience.