

Fiscal Unit/Academic Org	Geography - D0733
Administering College/Academic Group	Social And Behavioral Sciences
Co-administering College/Academic Group	
Semester Conversion Designation	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)
Current Program/Plan Name	Geography
Proposed Program/Plan Name	Geography - GEOG BA
Program/Plan Code Abbreviation	GEOG-BA
Current Degree Title	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		50	33.3	33	0.3
Required credit hours offered by the unit	Minimum	50	33.3	33	0.3
	Maximum	50	33.3	34	0.7
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**
- 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 Environment and Society (Existing)
Program Specialization/Sub-Plan Goals

Pre-Major

Does this Program have a Pre-Major? No

Attachments

- Attachment 3_Undergrad ES_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 ES_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 03:11 PM	Submitted for Approval
Revision Requested	Mansfield, Becky Kate	09/30/2010 03:24 PM	Unit Approval
Submitted	Pernik, Juliana Christine	09/30/2010 04:06 PM	Submitted for Approval
Approved	Mansfield, Becky Kate	09/30/2010 04:11 PM	Unit Approval
Revision Requested	Mumy, Gene Elwood	10/14/2010 12:02 PM	College Approval
Submitted	Pernik, Juliana Christine	11/02/2010 11:34 AM	Submitted for Approval
Approved	Mansfield, Becky Kate	11/02/2010 12:46 PM	Unit Approval
Approved	Vanarsdale, Sonya Renee	11/02/2010 02:36 PM	College Approval
Revision Requested	Vankeerbergen, Bernadette Chantal	11/12/2010 01:07 PM	ASCCAO Approval
Submitted	Pernik, Juliana Christine	11/15/2010 02:43 PM	Submitted for Approval
Approved	Mansfield, Becky Kate	11/15/2010 04:35 PM	Unit Approval
Approved	Mumy, Gene Elwood	11/15/2010 05:16 PM	College Approval
Revision Requested	Vankeerbergen, Bernadette Chantal	12/10/2010 01:57 PM	ASCCAO Approval
Submitted	Pernik, Juliana Christine	12/13/2010 03:49 PM	Submitted for Approval
Approved	Mansfield, Becky Kate	12/13/2010 03:59 PM	Unit Approval
Approved	Mumy, Gene Elwood	12/15/2010 08:21 AM	College Approval
Pending Approval	Nolen, Dawn Jenkins, Mary Ellen Bigler Meyers, Catherine Anne Vankeerbergen, Bernadette Chantal Hanlin, Deborah Kay	12/15/2010 08:21 AM	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.

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

Undergrad ES 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.

Undergrad ES 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.

For the Environment & Society specialization, we added an additional course to the required core (a choice of methods courses) and slightly revised the lists for methods and human geography electives.

List of semester courses in the program

Segment of Major Program	Semester #	Semester course name	Units
Required Prerequisites or Supplements to the Major	None		
Required courses (9 hours)			
	3800	Geographical Perspectives on Environment and Society	3
	4101	Undergraduate Research and Professionalization Seminar	3
	4100 OR 5100	Geographic Inquiry OR Quantitative Geographical Methods	3
Electives (complete <u>ALL</u> categories)			
1. Choose three of the following Physical Geography courses (9 or 10 hours)			
	2800 OR 2960	Physical Geography and Environmental Issues OR Introduction to Physical Geography	3 or 4
	3980	Biogeography: An Introduction to Life on Earth	3
	3900 OR 3901H OR 5900 OR 3882	Global Climate Change: Causes and Consequences OR Global Climate and Environmental Change OR Climatology OR Integrated Earth Systems: Confronting Global Change	3
2. Choose of three of the following Human Geography courses (9 hours)			
	3702	Life and Death Geographies: Global Population Dynamics	3
	3883	Environmental Citizenship	3
	5402	Land Use Geography	3
	5700	Geography of Development	3
	5751	New Worlds of Latin America	3
	5801	Environmental Conservation	3
	5802	Globalization and Environment	3
3. Choose two of the following Methods courses (6 hours)			
	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

Undergrad ES Semester Proposal – Attachment 2

Environment and Society Advising Sheet SEMESTERS			
Segment of Major Program	Course name	Credits	Grade
Required Prerequisites or Supplements to the Major			
NONE			
Required courses (9 hours)			
3800	Geographical Perspectives on Environment and Society	3	
4101	Undergraduate Research and Professionalization Seminar	3	
4100 OR 5100	Geographic Inquiry OR Quantitative Geographical Methods	3	
Electives (complete all categories)			
1. Choose three of the following Physical Geography courses (9 or 10 hours)			
2800 OR 2960	Physical Geography and Environmental Issues OR Introduction to Physical Geography	3 or 4	
3980	Biogeography: An Introduction to Life on Earth	3	
3900 OR 3901H OR 5900 OR 3882	Global Climate Change: Causes and Consequences OR Global Climate and Environmental Change OR Climatology OR Integrated Earth Systems: Confronting Global Change	3	
2. Choose of three of the following Human Geography courses (9 hours)			
3702	Life and Death Geographies: Global Population Dynamics	3	
3883	Environmental Citizenship	3	
5402	Land Use Geography	3	
5700	Geography of Development	3	
5751	New Worlds of Latin America	3	
5801	Environmental Conservation	3	
5802	Globalization and Environment	3	
3. Choose two of the following Methods courses (6 hours)			
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	
	Total Program Hours		
	Minimum Program Hours	33 or 34	
Advisor Signature and Date:			
Name:			
Major/Specialization:			
Campus ID:			

Semester Advising Sheet

Quarter Advising Sheet

Environment and Society Advising Sheet QUARTERS			
Segment of Major Program and Course Number	Quarter course name	Credit hours	Grade
Required Prerequisites or Supplements to the Major			
NONE			
Required courses			
430	Geographical Perspectives on Environment and Society 430	5	
695	Undergraduate Research and Professionalization Seminar 695	5	
Electives (complete all categories)			
1. Choose three of the following Physical Geography courses			
210 or 220	Physical Geography and Environmental Issues 210 OR Introduction to Physical Geography 220	5	
490	Biogeography: An Introduction to Life on Earth 490	5	
H410 or 420 or 520 or 597.02	Global Climate and Environmental Change H410 OR Global Climate Change: Causes and Consequences 420 OR Climatology 520 OR Integrated Earth Systems: Confronting Global Change 597.02	5	
2. Choose of three of the following Human Geography courses			
470	Life and Death Geographies: Global Population Dynamics 470	5	
505	Geography of Latin America 505	5	
605	New Worlds of Latin America 605	5	
630	Environmental Conservation 630	5	
635	Globalization and Environment 635	5	
642	Geography of Development 642	5	
655	Land Use Geography 655	5	
3. Choose two of the following Methods courses:			
480	Map Reading and Interpretation 480	5	
580	Elements of Cartography 580	5	
607	Fundamentals of Geographic Information Systems 607	5	
680	Computer Cartography and Geographical Visualization 680	5	
683	Quantitative Geographical Methods 683	5	
685	Intermediate Geographic Information Systems 685	5	
	Total Program Hours		
	Minimum Program Hours		
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 largely 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
Required Prerequisites or Supplements to the Major				
NONE				
Required courses				
3800	2	1	1	2
4101		3	3	3
4100 OR 5100	2, 3	2, 3	3	
Electives in Geography				
Physical Geography courses				
2800 OR 2960	1	1	1	1
3980	2	2	2	2
3900 OR 3901H OR 5900 OR 3882	2	2	2, 3	
Human Geography courses				
3702	2	2	2	
3883	2	1	2	2
5402	3	2	2	
5700	3		2	2
5751	3		2	3
5801	3		2	
5802	3		2	2
Methods courses				
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

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.