

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	0.3
Required credit hours offered outside of the unit	Minimum				
	Maximum				
Required prerequisite credit hours not included above	Minimum				
	Maximum				

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 2_Undergrad ES_110210.docx: Attachment 2
(Program Proposal. Owner: Pernik, Juliana Christine)
- Attachment 3_Undergrad ES_110210.docx: Attachment 3
(Curricular Map(s). 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
Pending Approval	Vankeerbergen, Bernadette Chantal Meyers, Catherine Anne Jenkins, Mary Ellen Bigler Nolen, Dawn Hanlin, Deborah Kay	11/02/2010 02:36 PM	ASCCAO Approval

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

The omission of a matching minor for the two new majors (5-6 above) was a technical oversight and we plan to correct this once the majors themselves are approved. Even without that correction, a student wishing to minor in areas related to atmospheric science or geographic information science has similar options in cognate fields (items 2 & 3: Climatology and Physical Geography Specialization (BS) and Spatial Analysis (BS) respectively).

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

Undergrad ES Semester Proposal – Attachment 2

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 except where necessary to address sequencing concerns and ensure timely graduation for our students.

For semesters, 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

Semester Advising Sheet

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:			

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.