

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.

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.

Note on admission to the minor (query from CAA subcommittee)

Students are formally admitted to the minor at every stage of their academic careers (freshman to just before graduating), with most students joining in their junior and senior years (which is true of the major as well). It is certainly the case that there are students we do not see until they are ready to graduate and they realize that they have enough credits for a geography minor (and those students it is difficult to advise!), but most students come to us early enough that we can guide them to particular courses that fit their interests and that we think would be beneficial. Although the minor we have proposed is very flexible in terms of the which courses the students have to take, the requirement to take no more than two courses at the 2000-level and at least one at the 4000-level (and no more than 3 credits of research, internship, and/or independent study) assures that students will take a rigorous mix of courses. Note that while the current minor requires students to take courses from within 4 concentration areas, in practice we have been quite flexible about allowing students to count courses from other specializations. It was in recognition of this—that our lists did not match student needs—that we decided to distribute courses across levels rather than across areas.

List of semester courses in the program (see Appendix A for full list of Geog and AS courses)

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

Semester Advising Sheet

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

Quarter Advising Sheet

Geography Minor Advising Sheet QUARTERS			
Specialization:			
Course	Credit Hours	Grade	
	Total Minor Hours		
	Minimum Minor Hours		
Advisor Signature and Date:			
Name:			
Major/Specialization:			
Campus ID:			
Choose 5 courses within one of four groups:			
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.

Appendix A. List of courses in Geography and Atmospheric Sciences

Geography and Atmospheric Sciences courses (arranged by semester number)					
In the case of discrepancy between this list and courses proposed in PACER, PACER prevails					
Quarter number	Semester number	Designation	Semester Course Title	Credit hours	Prereqs
GEOGRAPHY					
120	1900		Introduction to Weather and Climate	4	
120H	1900	H	Introduction to Weather and Climate	4	honors
205	2100		Human Geography	3	
New	2193		Individual Studies in Geography	1-9	IP
294	2194		Group Studies in Geography	1-3	
294H	2194	H	Group Studies in Geography	1-3	honors
480	2200		Mapping Our World	3	
240	2400		Economic and Social Geography	3	
240H	2400	H	Economic and Social Geography	3	honors
455	2500		Cities and their Global Spaces	3	
200	2750		World Regional Geography	3	
200H	2750	H	World Regional Geography	3	honors
210	2800		Physical Geography and Environmental Issues	3	
220	2960		Introduction to Physical Geography	4	
220H	2960	H	Introduction to Physical Geography	4	honors
445	3300		Transportation Security	3	
597.01	3597.01		World Urbanization	3	
597.02	3597.02		Integrated Earth Systems: Confronting Global Change	3	
597.03	3597.03		Environmental Citizenship	3	
460	3600		Space, Power and Political Geography	3	
460H	3600	H	Space, Power and Political Geography	3	honors
465	3601		Global Politics and the Modern Geopolitical Imagination	3	
450	3701		The Making of the Modern World	3	
470	3702		Life and Death Geographies: Global Population Dynamics	3	
400	3750		Geography of North America	3	
401	3751		Geography of Ohio	3	
505	3752		Geography of Latin America	3	

510	3753		Geography of the European Union	3	
512	3754		Geography of the Former Soviet Union	3	
430	3800		Geographical Perspectives on Environment and Society	3	
420	3900		Global Climate Change: Causes and Consequences	3	
410H	3901	H	Global Climate and Environmental Change	3	honors
490	3980		Biogeography: An Introduction to Life on Earth	3	
600	4100		Geographic Inquiry	3	
695	4101		Undergraduate Research and Professionalization Seminar	3	12 Geog hours
693	4193		Individual Studies in Geography	1-9	IP
New	4194		Group Studies in Geography	1-3	
New	4998		Undergraduate Research in Geography	1-9	IP
New	4998	H	Undergraduate Research in Geography	1-9	IP
783	4999		Thesis Research	1-9	Honors; IP
783H	4999	H	Thesis Research	1-9	Honors; IP
683	5100		Quantitative Geographical Methods	3	quarter version or semester success or to Stats 145
689	5191		Internship In Geography	1-6	12 hours in Major Program and IP
New	5193		Individual Studies in Geography	1-9	IP
694	5194		Group Studies in Geography	1-3	IP
580	5200		Elements of Cartography	3	
580S	5200	S	Elements of Cartography (Service)	3	
680	5201		Computer Cartography and Geographical Visualization	3	580 or 580S or 5200 or 5200S
607	5220		Fundamentals of Geographic Information Systems	3	
685	5221		Spatial Simulation and Modeling in GIS	3	607 or 5220

686	5222		GIS Applications in Social Science and Business	3	607 or 5220
687	5223		Design and Implementation of GIS	3	607 or 5220
688	5224		Emerging Topics in GIS	3	685 or 686 or 687 or 5221 or 5222 or 5223
684	5270		Geographic Applications in Remote Sensing	3	quarter version or semester success or to Stats 245
647	5275		Locational Analysis	3	
645	5300		Geography of Transportation	3	
640	5401		Economies, Space and Society	3	
655	5402		Land Use Geography	3	
650	5501		Urban Spaces in the Global Economy	3	
652	5502		Social Cities	3	
643	5601		Geographies of Governmentalities	3	
660	5602		Urban Political Geography	3	
642	5700		Geography of Development	3	
605	5751		New Worlds of Latin America	3	
608	5752		South Africa: Society and Space	3	
697	5797		Study at a Foreign Institution	1-9	IP
630	5801		Environmental Conservation	3	
635	5802		Globalization and Environment	3	
520	5900		Climatology	3	
622.01	5921		Microclimatology: Boundary Layer Climatology	3	Geog 520 or 5900 or AS 230 or 2940 or IP and Physics 132 or its success or
622.02	5922		Microclimatology: Microclimatological Measurements	3	622.01 or 5921

620	5940		Synoptic Meteorology Laboratory	2	Geog 520 or 5900 or AS 230 or 2940 or IP and Physics 132 or its successor
623.01	5941		Synoptic Meteorology: Synoptic Analysis and Forecasting	3	Geog 620 or 5940 or AS 620 or 5940
623.02	5942		Synoptic Meteorology: Severe Storm Forecasting	3	623.01 or 5941
787	6220		Advanced Applications in Geographic Information Systems	3	685 or 686 or 5221 or 5222, AND 687 or 5223
740	6271		Advanced Locational Analysis	3	647 or 5275 or IP
795	7101		Research Design	3	
800.01	7102		Fieldwork in Human Geography	3	
New	7193		Individual Studies in Geography	1-9	IP
New	7194		Group Studies in Geography	1-3	
882	8100		Development of Geographic Thought	3	
883.02	8102		Spatial Data Analysis	3	Intro to Stats or IP
899	8103		Interdepartmental Seminars	3	
983	8104		Special Topics in Quantitative Geography	3	883.01 or 883.02 or 8102
889	8109		Graduate Student Professionalization	3	
880	8200		Seminars in Cartography	3	
840.01	8271		Seminar in Location Analysis: Location Theory	3	
840.02	8272		Seminar in Location Analysis: Problems	3	
845	8300		Theory of Transportation Geography	3	

840.03	8400		Issues in Critical Human Geography	3	
870.01	8401		Seminar: Theory of Population and Social Geography	3	
870.02	8402		Seminar: Problems in Population and Social Geography	3	
850.01	8501		Seminar in Urban Geography: Spatial Organization of the City	3	
850.02	8502		Seminar in Urban Geography: Urban Systems Analysis	3	
850.03	8503		Seminar in Urban Geography: Third World Urbanization	3	
860.01	8601		Seminar: Theory of Political Geography	3	
860.02	8602		Seminar: Problems in Political Geography	3	
800.02	8800		Seminar in Environment and Society	3	
896	8896		Interdepartmental Seminar in Polar and Alpine Studies	3	IP
820.01	8901		Seminar: Problems in Climatology	3	
823	8902		Applied Climatology	3	623.01 or 5941 or IP
822	8920		Microclimatology	3	620 or 622.01 or 5921 or 5940
821	8950		Dynamic Climatology	3	622.01 or 5921 or IP
820.03	8960		Seminar: Special Problems in Physical Geography	3	
998	8998		Thesis Research	1-9	
999	8999		Research in Geography: Dissertation	1-3	
ATMOSPHERIC SCIENCES					
New	2193		Individual Studies in Atmospheric Sciences	1-9	IP
New	2194		Group Studies in Atmospheric Sciences	1-3	IP
AS 230	2940		Basic Meteorology	3	Quarter version or semester or success

					r to Math 152 and Physics 132
New				1-6	12 hours in Major Program and IP
	4191		Internship in Atmospheric Sciences		
AS 693	4193		Individual Studies in Atmospheric Sciences	1-9	IP
New			Group Studies in Atmospheric Sciences	1-3	IP
	4194				
AS 699	4998		Undergraduate Research in Atmospheric Sciences	1-9	IP
AS 699	4998	H	Undergraduate Research in Atmospheric Sciences	1-9	IP
AS 783H	4999		Thesis Research	1-9	Honors; IP
AS 783	4999	H	Thesis Research	1-9	IP
AS 689	5191		Internship in Atmospheric Sciences	1-6	12 hours in Major Program and IP
New			Individual Studies in Atmospheric Sciences	1-9	IP
	5193				
AS 694	5194		Group Studies in Atmospheric Sciences	1-3	IP
New			Study at a Foreign Institution	1-9	IP
	5797				
AS 629	5901		Climate System Modeling: Basics and Applications	3	Credit for or concurr ent enrollme nt in AS 230 or 2940 or Geog 520 or 5900 or IP
AS 620	5940		Synoptic Meteorology Laboratory	2	AS 230 or 2940 or Geog 520 or 5900
AS 631	5950		Atmospheric Thermodynamics	3	Quarter version or success or to

					Math 153
AS 637	5951		Dynamic Meteorology I	3	AS 631 or 5950 and quarter version or success or to Math 255 or 415
AS 638	5952		Dynamic Meteorology II	3	AS 637 or 5951 or quarter version or success or to Aero Eng 505
New				1-6	12 hours in Major Program and IP
	6191		Internship in Atmospheric Sciences		
New	7193		Individual Studies in Atmospheric Sciences	1-9	IP
New	7194		Group Studies in Atmospheric Sciences	1-3	IP
New				1-6	12 hours in Major Program and IP
	8191		Internship in Atmospheric Sciences		
AS 881	8900		Atmospheric Sciences Seminar	3	IP
AS 999	8999		Research in Atmospheric Sciences	3	



College of Arts and Sciences

4120 Smith Laboratory
174 W. 18th Avenue
Columbus, OH 43210

Phone (614) 292-6736
Fax (614) 292-5678
artsandsciences.osu.edu

April 6, 2011

To: W. Randy Smith, Vice Provost, Office of Academic Affairs
From: Terry L. Gustafson, Special Assistant to the Executive Dean for Semester Conversion
Terry L. Gustafson
Re: Arts and Sciences Program Proposals from the Social and Behavioral Sciences Division

Arts and Sciences is pleased to submit the following programs from the Social and Behavioral Sciences Division to the Office of Academic Affairs for conversion from quarters to semesters. The programs have been approved by the faculty members and chair of the originating unit, and reviewed and approved by the divisional advisory panel, a subcommittee of the ASC Committee on Curriculum and Instruction (CCI), and the full CCI. The vote for approval of all programs at the full CCI was unanimous.

Program Name	Academic Plan Code	Conversion Designation	CCI Approval	Last Revision
Anthropology BA	ANTHROP-BA	Converted	3/4/2011	Prior to 2006
Anthropological Sciences BS	ANTHSCI-BS	Converted	3/4/2011	Prior to 2006
Anthropology Minor	ANTHROP-MN	Converted	3/4/2011	Prior to 2006
Economics BA	ECON-BA	Converted	2/22/2011	Prior to 2006
Economics BS	ECON-BS	Re-envisioned	2/22/2011	Prior to 2006
Economics Minor	ECON-MN	Converted	2/8/2011	10/22/08
Atmospheric Sciences BS	GEOG-BS	Converted	12/30/2010	1/20/10
Climate and Physical Geography BS	GEOG-BS	Converted	12/30/2010	1/20/10
Environment and Society BA	GEOG-BA	Converted	12/30/2010	1/20/10
Geographic Information Science BS	GEOG-BS	Converted	12/30/2010	1/20/10
Spatial Analysis BS	GEOG-BS	Converted	12/30/2010	1/20/10
Urban, Regional and Global Studies BA	GEOG-BA	Converted	12/30/2010	1/20/10
Geography Minor	GEOG-MN	Converted	12/30/2010	Prior to 2006
Campaign and Elections Minor	CAMPELE-MN	Converted	3/31/2011	6/20/07
Comparative Politics Minor	COMPPOL-MN	Converted	3/31/2011	6/20/07
Judicial Politics Minor	JUDPOL-MN	Converted	3/31/2011	6/20/07
Political Decision-Making Minor	POLDEC-MN	Converted	3/31/2011	6/20/07
Political Science Minor	POLSCI-MN	Converted	3/31/2011	6/20/07
Political Theory Minor	POLITTH-MN	Converted	3/31/2011	6/20/07
World Politics Minor	WRLDPOL-MN	Converted	3/31/2011	6/20/07
Psychology BA	PSYCH-BA	Re-envisioned	4/5/2011	2/20/08
Psychology BS	PSYCH-BS	Re-envisioned	4/5/2011	2/20/08
Biological Bases of Behavior Minor	BIOPSYC-MN	Converted	4/5/2011	10/7/09
Clinical and Individual Differences Minor	CLINPSY-MN	Converted	4/5/2011	10/7/09

Developmental Psychology Minor	DEVPSYC-MN	Converted	4/5/2011	10/7/09
General Psychology Minor	GENPSYC-MN	Converted	4/5/2011	10/7/09
Organization and Performance Minor	ORGPSYC-MN	Converted	4/5/2011	10/7/09
Psychology Research Minor	PSYRSCH-MN	Converted	4/5/2011	10/7/09
Social Psychology and Personality Minor	SOCPSYC-MN	Converted	4/5/2011	10/7/09

Arts and Sciences General Education (GE) Program: The GE program for untagged B.A. and B.S. degrees in Arts and Sciences was approved by the Council on Academic Affairs on May 26, 2010, after receiving approval from the Arts and Sciences Faculty Senate. All the programs presented here follow the approved GE program.

College of Arts and Sciences Transition Policy: The College of Arts and Sciences is committed to the principles outlined in the university's Pledge to Undergraduate Students. Each unit has a plan on how best to assist its majors and minors through the transition. And the Arts and Sciences Academic Advising Services will advise students on how to transition their GE program. Dual advising is the existing process used in Arts and Sciences and will continue under semesters.

Status: PENDING

PROGRAM REQUEST
Geography Minor

Last Updated: Gustafson, Terry Lee
04/06/2011

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 Minor
Proposed Program/Plan Name	Geography Minor
Program/Plan Code Abbreviation	GEOG-MN
Current Degree Title	

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

Status: PENDING

PROGRAM REQUEST
Geography Minor

Last Updated: Gustafson, Terry Lee
04/06/2011

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)
- SBS Submission Memo.pdf: ASC Cover Letter
(Letter from the College to OAA. Owner: Gustafson, Terry Lee)

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
Approved	Vankeerbergen, Bernadette Chantal	12/30/2010 08:00 PM	ASCCAO Approval
Approved	Gustafson, Terry Lee	04/06/2011 04:02 PM	ASC Approval
Pending Approval	Soave, Melissa A	04/06/2011 04:02 PM	CAA 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

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,

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

Geography Minor Semester Proposal – Attachment 2

To: OAA

Date: 6/14/2010

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- 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.

Geography Minor Semester Proposal – Attachment 2

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

Geography Minor Advising Sheet SEMESTERS			
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:			
Choose 5 courses in Geography or Atmospheric Sciences, as approved by the undergraduate advisor			
No more than two courses can be at the 2000-level, and at least one must be 4000-level or higher			
No more than 3 credit hours may be of internship (x191), research (x998, x999), and/or individual study (x193)			

Geography Minor Semester Proposal – Attachment 2

Quarter Advising Sheet

Geography Minor Advising Sheet QUARTERS			
Specialization:			
Course	Credit Hours	Grade	
	Total Minor Hours		
	Minimum Minor Hours		23-25
Advisor Signature and Date:			
Name:			
Major/Specialization:			
Campus ID:			
Choose 5 courses within one of four groups:			
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.



Department of Microbiology

484 West 12th Avenue
Columbus, OH 43210-1292

Phone (614) 292-2301
Fax (614) 292-8120

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,

A handwritten signature in blue ink that reads "Charles J. Daniels".

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