

NEW UNDERGRADUATE MINOR / CHANGE UNDERGRADUATE MINOR FORM

Please fill out Section I.

SECTION I: GENERAL INFORMATION

Program: GEO

Minor: Mapping and GIS

College: A&S

Department: Geography

Bulletin PP: 135

CIP Code: 45.0702

Accrediting Agency (if applicable): n/a

⇒ Fill out Section II if you are proposing a NEW minor.

Section II: New Minor

Minor Prerequisites (list course prefix, number and title): none

Minor Requirements (list course prefix, number and title): 1. GEO 109 OR GEO 164; 2. GEO 309; 3. GEO 409; 4. COMPLETE 3 OF THE FOLLOWING: GEO 305, GEO 399, GEO 415, GEO 419, GEO 505, GEO 506, GEO 509, GEO 560/565 (INDEPENDENT STUDY) NOTE: GEOGRAPHY MAJORS CAN ALSO MINOR IN MAPPING AND GIS, BUT NO MORE THAN 6 CREDITS CAN BE USED TO COVER BOTH MAJOR AND MINOR REQUIREMENTS

Minor Electives (list course prefix, number and title): _____

Total Hours Required: 18

Rationale for Proposal: GEOGRAPHY HAS RECENTLY DEVELOPED A SUITE OF NEW COURSES IN GIS, CARTOGRAPHY, AND DIGITAL MAPPING. THIS AREA HAS BECOME A POPULAR OPTION FOR MAJORS NOT ONLY WITHIN A&S, BUT ACROSS CAMPUS AS AN EVER-GREATER NUMBER OF JOBS REQUIRE EXPERTISE IN MAPPING SOFTWARE, INCLUDING BOTH TRADITIONAL GIS AND CONTEMPORARY HAND-HELD DATA GEOGRAPHIC DATA ACQUISITION. THIS MINOR WILL OFFER A SYSTEMATIC SET OF COURSES TO DEVELOP THIS EXPERTISE

⇒ Fill out Section III if you are CHANGING requirements for an existing minor.

Section III: Change in Minor Requirements

Table with 2 columns: Current, Proposed. Each column has five horizontal lines for text entry.

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Current Total Hours: _____

Proposed Total Hours: _____

Rationale for Proposal: _____

Will this program be printed in the Bulletin?

Yes

No

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Signature Routing Log

General Information:

Proposal Name: Minor in Mapping and Geographic Information Systems

Proposal Contact Person Name: Tad Mutersbaugh Phone: 7-1316 Email: tmute2@uky.edu

INSTRUCTIONS:

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Geography faculty	1/17/13	UG ChairTurkington / /	
		/ /	
Geography CHAIR	2/6/13	GeoChair Secor / / aseco2@uky.edu	
		/ /	
A&S EPC and A&S Dean's Office	4/23/13	Anna Bosch, Associate Dean / 7-6689 / bosch@uky.edu	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision ¹
Undergraduate Council	10/15/13	Joanie Ett-Mims	
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

¹ Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

Minor in Mapping and GIS (18 hours).

Complete classes as follows.

1. Introduction to Digital Mapping (3 credits)

Either of the following:

GEO 109 Digital mapping

OR

GEO 164 iWorlds

2. GIS Theories and Methods (6 credits)

Complete both of the following:

GEO 309 intro to GIS

AND

GEO 409 advanced GIS

3. GIS Design and Application (9 credits)

Any 3 of the following classes (9):

GEO 305 Cartography

GEO 399 Internship *

GEO 415 Map interpretation

GEO 419 Introduction to Remote Sensing

GEO 505 Cartography Practicum

GEO 506 Intro to Computer Cartography

GEO 509 GIS Workshop

GEO 560/565 independent study *

* with approval of DUS for GIS/Mapping related internships or independent study

Note: Geography majors can also have a minor in Mapping and GIS but no more than six credits can be used to "double-dip" for the requirements of the major and the minor.