

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

(Check one) <input type="checkbox"/> New Course (Parts II, IV) <input type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Hybrid Course ("S," "W") <input type="checkbox"/> Course Dropped (Part II) <input checked="" type="checkbox"/> New Program (Part III) <input type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III)	Department Name <u>Geography & Geology</u> College <u>Arts & Sciences</u> *Course Prefix & Number _____ *Course Title <u>(30 characters)</u> _____ *Program Title <u>Certificate in Geographic Information Systems</u> (Major ____, Option ____, Minor ____, or Certificate <u>X</u>) *Provide only the information relevant to the proposal.	
Proposal Approved by: _____ Date _____ Date _____ Departmental Committee _____ Graduate Council* <u>NA</u> <i>Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/></i> Council on Academic Affairs <u>3/19/09</u> College Curriculum Committee <u>3/2/2009</u> Approved <u>x</u> Disapproved _____ General Education Committee* <u>NA</u> Faculty Senate** _____ Teacher Education Committee* <u>NA</u> Board of Regents** _____ Council on Postsecondary Edu.*** _____		
*If Applicable (Type NA if not applicable.) **Approval needed for new, revised, or suspended programs ***Approval/Posting needed for new degree program or certificate program ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.		

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.) To create a new certificate program in Geographic Information Systems A. 2. Effective date: (Example: Fall 2001) Fall 2009 A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)	
B. The justification for this action: Queries from potential and current students suggest that there is a great deal of interest in a certificate program in Geographic Information Systems. GIS is a large and growing discipline with ample job opportunities in geography and planning, geology, public administration, criminal justice and police studies, homeland security and intelligence analysis, range and wildlife management, forestry, emergency management, and many others. A Certificate in GIS program will attract many students, and provide an ample supply of well-trained GIS professionals to the region.	
C. The projected cost (or savings) of this proposal is as follows: Personnel Impact: We have two full-time faculty who specialize in Geographic Information Systems, and several others who are experienced enough with it to teach applied GIS courses. For several years we have hired part time faculty to teach one to two classes each year, and would continue to do so. Operating Expenses Impact: Part-time faculty will continue to cost the college between \$2100 and \$5200/year to teach one to two sections of applied GIS classes each year. Equipment/Physical Facility Needs:	

No additional needs; the department has a state-of-the-art GIS laboratory.

Library Resources:

No additional.

Part III. Recording Data for New, Revised, or Suspended Program

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide the current program requirements using ~~strikethrough~~ for deletions and underlines for additions.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

New or Revised* Program Text
 (*Use ~~strikethrough~~ for deletions and underlines for additions.)

**DEPARTMENT OF GEOGRAPHY
AND GEOLOGY**

(The proposed certificate section would be located following the minors section, currently found on page 83 of the 2008-09 *Undergraduate Catalog*.)

Certificate in Geographic Information Systems

Introductory geoscience laboratory requirement.....3 hours

Select from GEO 210, GLY 102, GLY 107, GLY 108, GLY 109, GLY 172, or GLY 304.

Core requirements.....9 hours

GEO 353, GEO 456, and GEO 553

Electives.....12 hours

Select from: GEO 351, GEO 455, GEO 556, GEO 501 (when topics are appropriate), GEO 495 or GEO 498 or GLY 499 (if topic is appropriate), GLY 351, CRJ 403, STA 270 or 500, CIS 435, CSC 177

Total Curriculum Requirements.....24 hours