

08-7c.

LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date:	Senate Action Date:
	App-2/29/08	07-43c	App-1/29/09	App-2/24/09

**Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee**

Contact Person Karen Rose Cercone	Email Address kcercone@iup.edu
Proposing Department/Unit Geosciences - Natural Sciences and Mathematics	Phone 724-357-7650

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

**1. Course Proposals (check all that apply)**  
 New Course                       Course Prefix Change                       Course Deletion  
 Course Revision                       Course Number and/or Title Change                       Catalog Description Change

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GEOS 113 Earth Science for Educators II

<u>Current</u> Course prefix, number and full title	<u>Proposed</u> course prefix, number and full title, if changing
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**2. Additional Course Designations: check if appropriate**  
 This course is also proposed as a Liberal Studies Course.                       Other: (e.g., Women's Studies, Pan-African)  
 This course is also proposed as an Honors College Course.

**3. Program Proposals**  
 New Degree Program                       Program Title Change                       Other  
 New Minor Program                       New Track                       Program Revision

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<u>Current</u> program name	<u>Proposed</u> program name, if changing
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4. Approvals		Date
Department Curriculum Committee Chair(s)		2/4/08
Department Chair(s)		2/4/08
College Curriculum Committee Chair		2-11-08
College Dean		2-11-08
Director of Liberal Studies *		3-27-08
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)	Josepe Domarache TECC May Ann Rafath Dean COE-ET	1-26-09 1-26-09
UWUCC Co-Chairs	Gail Sechrist	1-29-09

\* where applicable

Received

SEP 25 2008

Liberal Studies

Received

FEB 14 2008

Liberal Studies

## **Part II. Description of Curriculum Change**

### **1. Description of Course to be Deleted**

#### **GEOS 113 - Earth Science for Educators II**

3c-0l-3cr

An in-depth treatment of introductory meteorology and astronomy designed specifically for Secondary Science Education majors. Focuses on atmospheric processes and climate change and on the earth's place in the solar system and universe.

### **2. Justification/Rationale**

GEOS 113 and its accompanying lab (GEOS 114) were originally designed for two student cohorts:

1. Education majors in the General Science Education degree program (Physics, Biology & Chemistry tracks) from the Geoscience Department who were required to take both the GEOS 111/112 and GEOS 113/114 course sequences.
2. Education majors in Chemistry and Physics who are required to take either the GEOS 111/112 or GEOS 113/114 course sequences to fulfill state-mandated allied science requirements.

The General Science Education degree program is in the process of being placed into moratorium because the state certification it prepared students for (General Science) is no longer required for teaching general science courses at the middle-school level. This change has eliminated a majority (90-95%) of the 12-15 students who normally enrolled in this course sequence. Only a few chemistry (2-3) and physics (0-1) education majors currently enroll in this course per semester, and on their own, they do not provide a sufficient enrollment to allow the class to run.

### **3. Effects on Existing Courses and Programs**

The Geoscience Department has contacted the departments of Chemistry and Physics to notify them about this proposed change, and suggested appropriate course substitutions. They could also choose to satisfy the state-mandated coverage of geology as the Biology Department currently does, by requiring for their Liberal Studies electives *"one course with GEOS prefix from the Liberal Studies Natural Science (Option II) Nonlaboratory List."*

## **Part III. Letters of Support or Acknowledgement**

See "Letters of Support or Acknowledgement" section in the main body of the Program Revisions Proposal.