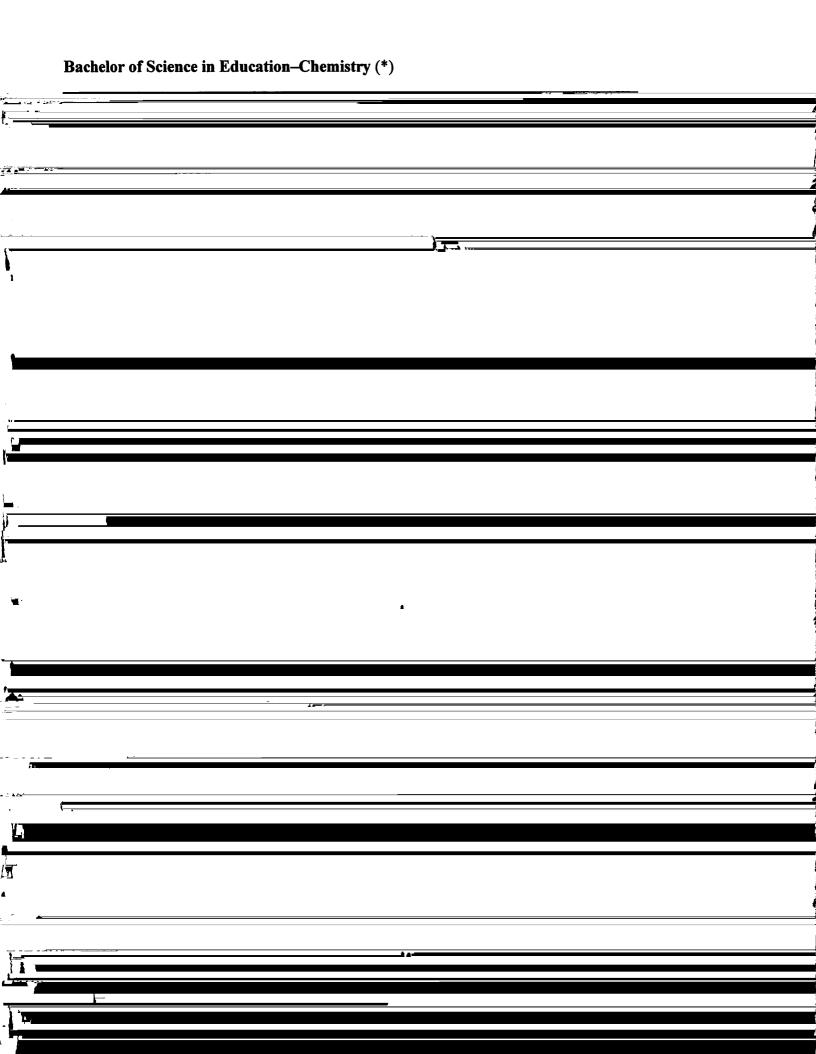


## Part I. Curriculum Proposal Cover Sheet

## Part II. Description of Curriculum Change

1. Catalog description for the revised program in the appropriate form. This includes both the description about the program and the list of courses and credits for the revised program.

	Chemistry  Bachelor of Science in Education
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	with Chamistry/Dra Madigal Trook the Dochalor of Arts with a Chamistry major and the Dochalor of Science in Education
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2. Summary of changes:a. Table comparing old and new programs. Bachelor of Science In Education - Chemistry\* Bachelor of Science in Education- Chemistry\* (Current) (Revised) Liberal Studies: As outlined in 50 Liberal Studies: As outlined in 48 Liberal Studies section Liberal Studies section with the following specifications: with the following specifications: Natural Science: PHYS 111-121 and 112-122 Natural Science PHVS\_111\_121 and 112\_122 Social Science: PSYC 101 Social Science: PSYC 101 Liberal Studies Electives: 0cr **Liberal Studies Electives MATH 126** 29 College: College: 29 **Preprofessional Education Sequence Preprofessional Education Sequence COMM 103** 3cr **COMM 103** 3cr **EDSP 102** 3cr **EDSP 102** 3cr **Professional Education Sequence Professional Education Sequence** EDEX 301 EDEX 301

**EDUC 242** 1cr **EDUC 242** lcr **EDUC 342** 1cr **EDUC 342** 1cr **EDUS 441** 12cr **EDUS 441** 12cr **EDUC 442** 1 cr **EDUC 442** 1 cr

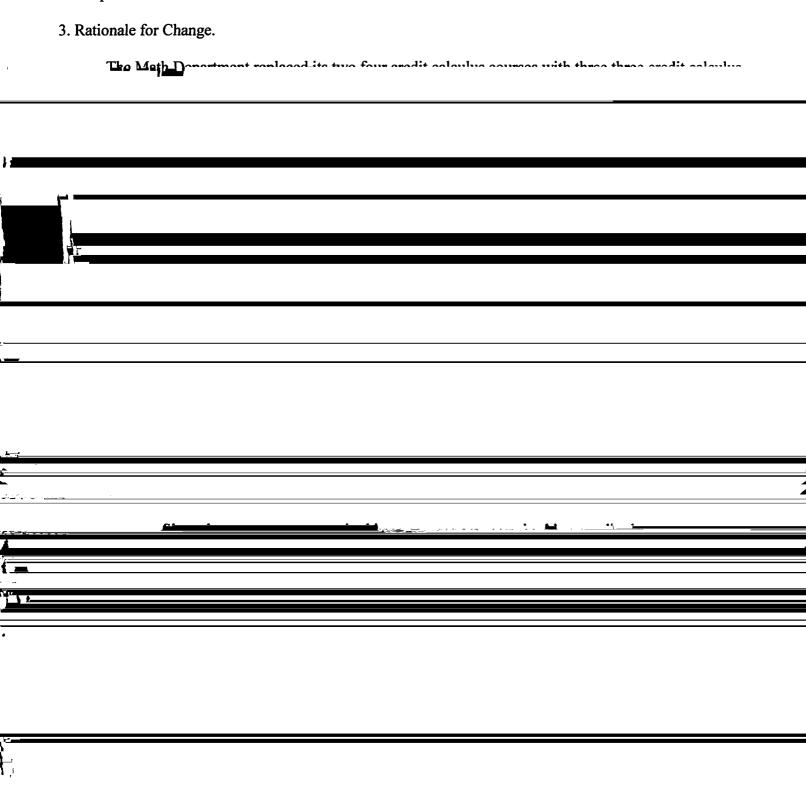
b. List of all associated course changes (new or revised courses, number, title, or description changes, and deletions).

Replaced: MATH 123 (4cr Liberal Studies Math) with MATH 125 (3 cr Liberal Studies Math)

Replaced: MATH 124 (4 cr Liberal Studies Elective) with MATH 126 (3cr Liberal Studies Elective)

Added: MATH 225 (3cr) under Other Requirements

Replaced GEOS 111/113 & GEOS 112/114 with GEOS 201



## Part V. Course Proposals

CHEM 340 and CHEM 341 have revised catalogue descriptions due to the change in prerequisites from the old calculus courses, MATH 123 and MATH 124 to MATH 125, 126 and 225.

<u> </u>	Part VI. Letters of Support or Acknowledgement	
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Letter from Steven Hovan, Chair, Geosciences

	Anne E.	Kondo
•	From: To: Sent: Subject:	"Gary Stoudt" <gary.stoudt@iup.edu> "Anne E. Kondo" <akondo@iup.edu> Tuesday 27 November 2007 1:55 PM RE: Chemistry/Calc Revisions</akondo@iup.edu></gary.stoudt@iup.edu>
A	nne,	
	אל ווּ√סזµטם	ration Department currente the servicions to the BA Chemistry, RS Chemistry, RSEd Chemistry Education, and
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D	C Chamict	p./Dr. Mad recurred and the corresponding course prorequisite changes in CUEM 240 and CUEM 244. We
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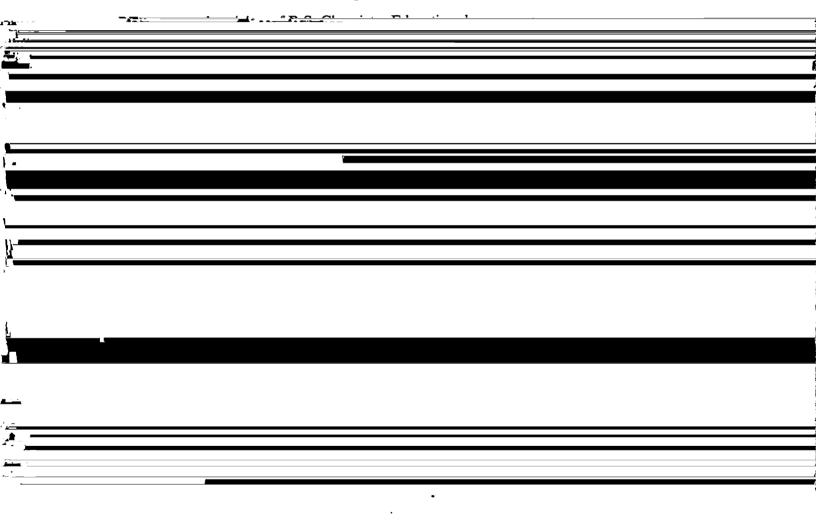
Geoscience Department
Indiana University of Pennsylvania
114 Walsh Hall
Indiana, Pennsylvania 15705

**Dr. Steven A. Hovan, Chair** (724) 357-7662 *office* (724) 357-5700 *fax* email: hovan@iup.edu

November 28, 2007

To: Anne Kondo, Chemistry Department

From: Steve Hovan, Geoscience Dept



Dr. Kondo,