

2. Add the following course description to the list if appropriate
This course is also proposed as a Liberal Studies Course

This course is also proposed as a Liberal Studies Course

11/15/2023

11/15/2023

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

Department of Chemistry, University of North Carolina at Chapel Hill, 101B Chemistry Building, Chapel Hill, NC 27599

with a Chemistry/Doc. Medical Track, the Bachelor of Arts with a Chemistry major, and the Bachelor of Science in Education

Bachelor of Science in Education–Chemistry (*)

2. Summary of changes:a. Table comparing old and new programs.

**Bachelor of Science In Education - Chemistry*
(Current)**

Liberal Studies: As outlined in 50
Liberal Studies section
with the following specifications:

**Bachelor of Science in Education- Chemistry*
(Revised)**

Liberal Studies: As outlined in 48
Liberal Studies section
with the following specifications:

Natural Science: PHYS 111-121 and 112-122

Natural Science: PHYS 111-121 and 112-122

Social Science: PSYC 101

Liberal Studies Electives: 0cr

College: 29

Preprofessional Education Sequence

COMM 103 3cr

EDSP 102 3cr

Professional Education Sequence

EDEX 301 2cr

Social Science: PSYC 101

Liberal Studies Electives MATH 126

College: 29

Preprofessional Education Sequence

COMM 103 3cr

EDSP 102 3cr

Professional Education Sequence

EDEX 301 2cr

EDUC 242 1cr
EDUC 342 1cr
EDUS 441 12cr
EDUC 442 1 cr
EDUC 451 2cr

EDUC 242 1cr
EDUC 342 1cr
EDUS 441 12cr
EDUC 442 1 cr
EDUC 451 2cr

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

3. Rationale for Change.

The Math Department replaced its two four-credit calculus courses with three three-credit calculus

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.

Part VI. Letters of Support or Acknowledgement

Letter from Steven Hovan, Chair, Geosciences

Anne E. Kondo

From: "Gary Stoudt" <Gary.Stoudt@iup.edu>
To: "Anne E. Kondo" <akondo@iup.edu>
Sent: Tuesday 27 November 2007 1:55 PM
Subject: RE: Chemistry/Calc Revisions

Anne,

The Mathematics Department supports the revisions to the BA Chemistry, BS Chemistry, BSEd Chemistry Education, and

BS Chemistry/Pre-Med programs, and the corresponding course prerequisite changes in CHEM 240 and CHEM 241. We



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,