Course Change Request

Check Appropriate Boxes:
- Undergraduate credit [X]
- Graduate credit [ ]
- Professional credit [ ]

1. School/Division: College of Liberal Arts and Sciences (CLAS)
2. Academic Subject Code: PHYS
3. Current Course Number: T105
4. Current Credit Hours: 5.0
5. Current Title: Physical Science for Elementary Teachers
6. Effective Semester/Year for changes listed below: Fall 2004
7. Instructor: J. Hinnefeld

Type of Change Requested (Check appropriate boxes and indicate changes)

☐ 8. Change course number to: _________________________ (must be cleared with University Enrollment Services)

☐ 9. Current course title: _____________________________
   Change to: _____________________________
   Recommended abbreviation (optional)
   (Limited to 32 Characters including spaces)

[X] 10. Current credit hours fixed at: 5.0 or variable from: _______ to _______
   Change to credit hours fixed at: 4.0 or variable from: _______ to _______

☐ 11. Current lecture contact hours fixed at: _______ or variable from: _______ to _______
   Change to lecture contact hours fixed at: _______ or variable from: _______ to _______

[X] 12. Current non-lecture contact hours fixed at: 5.0 or variable from: _______ to _______
   Change to non-lecture contact hours fixed at: 3.0 or variable from: _______ to _______

☐ 13. Is this course currently graded with S-F (only) grades? Yes [ ] No [x]
   Change to S-F (only) grading? Yes [ ] No [x]

☐ 14. Does this course presently have variable title approval? Yes [ ] No [x]
   Is variable title approval being requested? Yes [ ] No [x]

☐ 15. Is this course being discontinued? For all campuses _______ or for this campus only _______

☐ 16. Current course description

Change course description to (not to exceed 50 words)

17. Justification for change: Laboratory contact hours are being reduced
   (Use additional paper if necessary)

18. Are the necessary reading materials currently available in the appropriate library? Yes [ ] No [x]

19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of this course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by:

Date: 11/10/03

Dean of Graduate School (when required)

Date

Approved by:

Date: 11/13/04

University Enrollment Services

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.

UPS 725

University Enrollment Services Final—White; Chancellor/Vice-President—Blue; School/Division—Yellow;
Department/Division—Pink; University Enrollment Services Advance—White
Indiana University South Bend
Memorandum

To: CLAS Curriculum Committee
From: Jerry Hinnefeld, Chair, Dept. of Physics and Astronomy
Bill Feighery, Chair, Dept. of Chemistry

Date: November 10, 2003
Subject: Proposed New Course and Course Change

New Course Request: GEOL T106 – Earth & Space Science for Elementary Teachers

Course Change Request: PHYS T105 – Physical Science for Elementary Teachers, from 5.0 cr. hrs. to 4.0 cr. hrs.

Course Change Request: CHEM T105 – Physical Science for Elementary Teachers, from 5.0 cr. hrs. to 4.0 cr. hrs.

The course PHYS T105 / CHEM T105 – Physical Science for Elementary Teachers was created some time ago to provide better and more appropriate instruction in physical science for students preparing for careers in elementary education. The course GEOL T106 – Earth & Space Science for Elementary Teachers will likewise provide improved instruction for these students in earth science and astronomy.

Each of these courses offers an integrated, interdisciplinary experience for pre-service elementary school teachers, which focuses on the specific needs of these students. The course GEOL T106 will consist of roughly equal parts of geology and astronomy without explicit separation into the two disciplines, as elementary education in earth and space science is actually and appropriately taught. The structure and scheduling of the course are being coordinated with the School of Education, specifically with respect to the science methods instruction provided to elementary education majors. The course content will focus on in-depth coverage of topics that students will be expected to teach to their own students, using materials generally available in the elementary school classroom.

The new course GEOL T106 and the existing PHYS T105 / CHEM T105 will be taught with the same structure and with the same amount of instructional time. As the course PHYS T105 / CHEM T105 has evolved over the last several years, the schedule that has developed is more appropriate of a 4 cr. hr. than a 5 cr. hr. assignment. The instructional time now consists of two hours of lecture, two hours of formal laboratory instruction, and approximately one hour of exploratory exercises that serve to introduce a topic, each week. We therefore are also proposing a change in the credit hour assignment for PHYS T105 / CHEM T105.

We anticipate no need for increased faculty resources as a result of the creation of GEOL T106. The students who will be taking this new course currently satisfy their earth science requirement with GEOL G111 – Physical Geology, and the creation of GEOL T106 will simply shift enrollment away from GEOL G111.