



Academic Notes

September 28, 2009

AN 2009-2010

ANNOUNCEMENT

STATE LICENSURE CHANGES FOR SCIENCE EDUCATION

Effective June 30, 2006, Mathematics is no longer recognized by the Indiana Professional Board for Licensure in Science Education under Rules 2002.

The substance abuse module is no longer required for Indiana licensure in Science Education.

DARS for Science Education now reflects these changes in licensure at the state level.

ARTICULATION AGREEMENTS

Program articulation agreements between Indiana State University and our two-year partner institutions allow students to complete a specific associate degree program at another institution and receive credit toward a specific bachelor's degree program at Indiana State University.

Each agreement details the transfer courses accepted for credit at ISU, the courses needed to complete the bachelor's degree, and any other requirements or guidelines that apply. The following agreements have recently been approved and are available on the Transfer Central Web site <http://www.indstate.edu/transfer/articulations.htm> :

Ivy Tech Community College

AS in Business Administration - Sport Management to BS in Recreation and Sport Management
9/17/2009

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR FALL 2009**

Below is the circulation schedule for the electronic copy of *Academic Notes* through December 14, 2009. All submissions for inclusion in *Academic Notes* are due in the Office of Academic Affairs no later than 10:00 a.m. on the Wednesday prior to the distribution of *Academic Notes* on the following Monday. Submissions must be in hard copy along with an e-mail, disk, or CD with the same information. The electronic version must be formatted either in Word with pages with signatures scanned and inserted as a picture OR PDF saved as text and image. (Do NOT send PDF just saved as an image.) Information submitted to *Academic Notes* that is not accompanied by an electronic version or that is incomplete or unusable will be returned to the appropriate office.

ACADEMIC NOTES PUBLICATION SCHEDULE
FOR FALL 2009

<u>Deadline for Items</u>	<u>Issue Date</u>
September 30	October 5
October 7	October 12
October 14	October 19
October 21	October 26
October 28	November 2
November 4	November 9
November 11	November 16
November 18	November 23
November 25	November 30
December 2	December 7
December 9	December 14

ACALOG NOTE

The format for curriculum proposals has changed to correspond with the structure of Acalog, the new version of the electronic catalogs. Some proposals will be published under the old structure and some under the new structure during this transition period.

Improved Electronic Catalog

The new electronic version of the undergraduate catalog is posted at
<http://www.indstate.edu/academics/catalogs.htm> Some advantages of the new format are:

- It is easily searchable and searchable from the internet
- It is easier for students and advisors to find and choose the courses students need
- Students create a personal portfolio of courses in which they are interested
- Links to information such as department web sites, advising information, and video clips can easily be added
- Every page can easily be printed.

If you have questions, please contact Academic Affairs, extension 3662.

CURRICULUM

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UNDERGRADUATE APPROVALS

NEW PROGRAMS

COLLEGE OF ARTS AND SCIENCES: Geography, Geology, and Anthropology

Geochemistry Minor (18 credits)

CIP Code: 400601 Minor Code: _____

Brief Summary:

We are proposing a new minor in geochemistry based on current faculty expertise in the department and student interest displayed at national geology conferences. The majority of students visiting our recruitment booth at annual national geology conferences were interested in the geochemistry aspect of our program.

This minor will be advantageous for students wishing to pursue careers in geology, earth sciences, and environmental sciences because geochemistry is an integral part of our understanding of the geodynamics of Earth's environments. Students wishing to pursue this sub-discipline will be provided with broad exposure in the application of geochemical techniques and the interpretation of environmental situations involving geochemistry. In addition, the minor is designed to give students the opportunity to conduct research with faculty on geochemistry-related projects. Research opportunities are enhanced by the recent acquisition of analytical equipment through NSF to conduct geochemical research.

Required courses are Earth Sciences (ENVI 170/170L), General Chemistry I and II (CHEM 105/105L and 106/106L), Geochemistry (ENVI 481) and 3 credits of electives that include Medical Geology (ENVI 458), Global Biogeochemical Cycles (ENVI 479), Advanced Research (ENVI 496), Seminar in Advanced Topics (ENVI 497), Analytical Chemistry (CHEM 321), and Environmental Chemistry (CHEM 371).

Student Learning:

The proposed minor and requirements are based on surveys of alumni and employers (comprehensive surveys conducted in 2005), student interest at national conferences, and student outcomes assessments that highlight the importance of special training (minors) for some graduates. At present, there are no other science minors with this type of interdisciplinary focus.

The option of the geochemistry minor will enhance student learning by providing valuable, practical training that prepares students for graduate studies and professional employment requiring experience in geochemistry. Program effectiveness will be improved by increasing enrollments in the listed courses. No new resources or changes in time commitment by faculty are necessary for this minor.

Proposed Catalog Copy:

Geochemistry Minor (18 semester credits)

CIP Code: 400601 Minor Code: _____

Required Courses: ENVI 170/170L—4 credits; 481--3 credits; CHEM 105/105L—4 credits; CHEM 106/106L—4 credits

Electives (3 credits from the following): ENVI 458—3 credits; 479—3 credits; 496—1 to 6 credits; 497—1 to 6 credits; CHEM 321—4 credits; 371—3 credits.

Preferre effective term: Fall 2010