



Academic Notes

May 4, 2009

AN 2008-2009

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SPRING 2009

Below is the circulation schedule for the electronic copy of *Academic Notes* through May 11, 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* is available using Acrobat Reader at http://www.indstate.edu/academicaffairs/academic_notes.htm

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SPRING 2009

Deadline for Items

May 6

Issue Date

May 11

FIELD TRIPS

UNIVERSITY HONORS PROGRAM

The University Honors Program is having a Spring 2009 study tour of Greece, Rome, and Washington, D.C. The "The Quest for Democracy" tour will be led by Honors Professors Marilyn Bisch and Linda Maule. The tour dates are May 11 through June 3, 2009. A list of the participating students will be on file in the office of Dr. Gregory Bierly, Director of the University Honors Program.

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, decreasing the number of printed catalogs

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

CURRICULUM

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UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

CHEM 371 - Environmental Chemistry

3 credits

A quantitative approach to examination of the chemical and physical processes that affect the distribution of chemical elements and compounds in the Earth's biosphere. The course is designed to provide students with a foundation of the fundamental chemical and physical principles applicable to understanding the impact of humankind on the environment.

Prerequisites: CHEM 106 and 106L.

Note: Unless otherwise stated, all chemistry courses require laboratory work.

Change description and prerequisites to:

CHEM 371 Environmental Chemistry

3 credits

A survey of environmental chemistry including the atmosphere, surface and ground waters, soils, and selected aspects of geochemistry. Both descriptive and quantitative approaches to a variety of topics are explored. An emphasis is placed upon applications of thermodynamics and kinetics to the natural unpolluted environment as the basis for an examination of the effects of human activities upon these systems.

Prerequisite: CHEM 351.

A-F Grading

Preferred effective term: Fall 2009

CHEM 469 (B-G) - Topics in Physical Chemistry

1-3 credits

The study of a selected topic in physical chemistry. Examples include: chemical kinetics, molecular spectroscopy, and quantum mechanics.

Prerequisites: CHEM 462 or 465.

Note: May be repeated when topic is different. Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prerequisites to:

CHEM 469 (B-G) - Topics in Physical Chemistry

1-3 credits

The study of a selected topic in physical chemistry. Examples include: chemical kinetics, molecular spectroscopy, and quantum mechanics.

Prerequisites: CHEM 352 and 352L.

Note: May be repeated when topic is different. Open to graduate students. Graduate students are required to do additional work of a research nature.

Preferred effective term: Fall 2009

CHEM 487 - Bioinformatics

3 credits

Provides hands-on training in bioinformatics. Students will acquire the theoretical knowledge and practical skill required to effectively utilize essential network-based bioinformatics programs and databases, typically accessed from standard laptop computers. Training includes experience with high performance parallel computing and an introduction to problem-solving in bioinformatics using the Perl programming language.

Prerequisites: CHEM 106, BIO 102, or consent of instructor.

Note: [Also listed as BIO 487.] Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prerequisites to:

CHEM 487 - Bioinformatics

3 credits

Provides hands-on training in bioinformatics. Students will acquire the theoretical knowledge and practical skill required to effectively utilize essential network-based bioinformatics programs and databases, typically accessed from standard laptop computers. Training includes experience with high performance parallel computing and an introduction to problem-solving in bioinformatics using the Perl programming language.

Prerequisites: CHEM 351, BIO 102, or consent of instructor.

Note: [Also listed as BIO 487.] Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Preferred effective term: Fall 2009

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Physical Education

PE 363 - Dance Repertory

1 credit

The course provides experience in performing dance works that have been created by faculty or other dance artists.

Prerequisites: PE 169, 170, and 353, or consent of instructor(s).

Note: Required for dance minors and open to non-minors, it may be taken twice for credit, only once to be counted toward the dance minor.

Change prerequisites to:

PE 363 - Dance Repertory

1 credit

The course provides experience in performing dance works that have been created by faculty or other dance artists.

Prerequisites: PE 170 and 353, or consent of instructor(s).

Note: Required for dance minors and open to non-minors, it may be taken twice for credit, only once to be counted toward the dance minor.

A-F Grading

Preferred effective term: Fall 2009

GRADUATE APPROVALS

COURSE REACTIVATION

COLLEGE OF EDUCATION: Elementary, Early, and Special Education

ELED 595 (A-F; H-Z) – Topics in Education

1-3 credits

This course explores a contemporary topic or innovative development in elementary education.

May be repeated if different topic is studied, but not more than six credits may be counted toward degree requirements.

Preferred effective term: Summer II 2009