



Academic Notes

July 14, 2008

AN 2007-2008

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SUMMER 2008

Below is the circulation schedule for the electronic copy of *Academic Notes* through August 11, 2008. **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://www1.indstate.edu/academicaffairs/academic_notes.htm**

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SUMMER 2008

Deadline for Items

July 23
August 6

Issue Date

July 28
August 11

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 Karen Schmid, extension 3662.

THESES, DISSERTATIONS, AND RESEARCH PROJECTS

COLLEGE OF TECHNOLOGY: Ph.D. Technology Management

James Bossert will defend his dissertation entitled "*G*" and "*H*" Control Charts and Risk Analysis in the Banking Industry" on Tuesday, July 22, 2008, at 10:30 a.m., EST, in the Myers Technology Center, room 111. Members of his committee are: Dr. Charles Woolsey, Chairperson, University of Central Missouri; Dr. Blanton Godfrey, North Carolina State University; Dr. John Sinn, Bowling Green State University; Dr. David Beach and Dr. Ming Zhou, Indiana State University.

CURRICULUM

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UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Chemistry

CHEM 330 - Survey of Biochemistry

4 hours

Survey of biological molecules with regard to structure and function, metabolism and metabolic processes, and gene information.

Prerequisite: 104 or 352.

Change prerequisites to:

CHEM 330 - Survey of Biochemistry

4 credits

Survey of biological molecules with regard to structure and function, metabolism and metabolic processes, and gene information.

Prerequisite: CHEM 104 and 104L, or CHEM 352 and 352L.

Preferred effective term: Fall 2008

CHEM 351 - Organic Chemistry I

3 hours

The chemistry of carbon-containing compounds.

Prerequisites: 106 and concurrent enrollment in 351L.

Change prerequisites to:

CHEM 351 - Organic Chemistry I

3 credits

The chemistry of carbon-containing compounds.

Prerequisites: CHEM 105 and 105L.

Co-requisites: Concurrent enrollment in CHEM 351L. CHEM 106 and 106L are recommended.

Preferred effective term: Fall 2008

CHEM 371 - Environmental Chemistry

3 hours

A quantitative approach to assessment of the sources, transport, and fates of naturally occurring and pollutant chemical compounds in the environment. Includes discussion of advective and diffusive mass transport, air-water partitioning, chemical thermodynamics, and kinetics with an emphasis upon surface water and atmospheric chemistry. Topics covered include: surface water pollution by organochlorine pesticides, PCBs and toxic metals, acid rain, and stratospheric ozone depletion.

Prerequisite: CHEM 352

Change description and prerequisites to:

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, 106L.

Preferred effective term: Fall 2008

COLLEGE OF ARTS AND SCIENCES: Military Science

MSL 104 - Foundations in Leadership

2 hours

Examines the leadership process as affected by individual differences and styles, group dynamics, and personality behavior of leaders. Introduces a generic model of problem solving. Teaches the basic skills that underlie effective problem solving in different work environments. Instructs how to relate the problem-solving model and basic problem solving skills to the resolution of military problems. Students will experience an introduction of fundamental leadership concepts, and examine factors that influence leader and group effectiveness. Designed to teach basic soldier skills and squad level tactical operations through student involvement in briefings and hands-on practical exercises. Attention is devoted to development of leadership potential through practical exercises both in and out of the classroom.

Change number to:

MSL 101 - Foundations in Leadership

2 credits

Examines the leadership process as affected by individual differences and styles, group dynamics, and personality behavior of leaders. Introduces a generic model of problem solving. Teaches the basic skills that underlie effective problem solving in different work environments. Instructs how to relate the problem-solving model and basic problem solving skills to the resolution of military problems. Students will experience an introduction of fundamental leadership concepts, and examine factors that influence leader and group effectiveness. Designed to teach basic soldier skills and squad level tactical operations through student involvement in briefings and hands-on practical exercises. Attention is devoted to development of leadership potential through practical exercises both in and out of the classroom.

Preferred effective term: Fall 2008

MSL 104L - Foundations in Leadership Laboratory

0 hours

The leadership laboratory supplements classroom instruction. This laboratory is a multi-echelon exercise that introduces military science cadets to basic military combat skills, and provides hands-on-training and confidence building. The laboratory is designed to develop individual and team skills, problem solving, decision making, oral and written communication, and planning and organization skills.

Note

Requirement: concurrent enrollment in 104.

Change number to:

MSL 101L - Foundations in Leadership Laboratory

0 credits

The leadership laboratory supplements classroom instruction. This laboratory is a multi-echelon exercise that introduces military science cadets to basic military combat skills, and provides hands-on-training and confidence building. The laboratory is designed to develop individual and team skills, problem solving, decision making, oral and written communication, and planning and organization skills.

Note

Requirement: concurrent enrollment in MSL 101.

Preferred effective term: Fall 2008

COLLEGE OF ARTS AND SCIENCES: Physics**PHYS 399 - Introduction to Research Techniques in Physics**

1-3 credits

Selected problems for laboratory or literature research, designed to expose lower-level chemistry majors to chemical research.

Prerequisite: consent of instructor.

Note: May not be used as an advanced elective for the chemistry major.

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

Change description, remove prerequisites, and add repeatable to:

PHYS 399 - Introduction to Research Techniques in Physics

1-3 credits

This course is designed to introduce students to techniques of laboratory and literature research. Projects must be arranged individually with faculty members. Participation in departmental colloquia and seminars is required.

Note: May be repeated a maximum of 4 credits.

Preferred effective term: Spring 2009

PROGRAM ELIMINATION

Music Theater Minor for Music Majors (24 semester hours)

CIP Code: 500501 **Minor Code:** _____

The Music Theater minor is being eliminated due to the lack of interest in it from students and faculty.

Preferred effective term: Fall 2008