



Academic Notes

July 20, 2009

AN 2008-2009

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SUMMER 2009

Below is the circulation schedule for the electronic copy of *Academic Notes* through August 17, 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.

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http://www.indstate.edu/academicaffairs/academic_notes.htm

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SUMMER 2009

<u>Deadline for Items</u>	<u>Issue Date</u>
July 29	August 3
August 12	August 17

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://www1.indstate.edu/transfer/articulations.htm> :

Vincennes University
AS Business Administration to BS Business Administration
7/10/2009

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 PROPOSALS

NEW COURSES

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

ENVI 276 Dinosaurs, Quakes, and Volcanoes

3 credits

The history and characteristics of dinosaurs, earthquakes and volcanoes will be explored. Topics include the scientific method, causes of extinction, facts and myths about dinosaurs, the consequences of earthquakes and volcanoes, examples from the geologic record, and the nature and mitigation of natural disasters caused by earthquakes and volcanoes.

Co-requisite: Concurrent enrollment in ENVI 276L

A-F Grading

Preferred effective term: Fall 2009

ENVI 389L - Introduction to Field Geology Laboratory

1 credit

Field geology camp at a remote location selected in conjunction with the student and the geology faculty. The field experience should include exposure to all major facets of field geology in an area of excellent geologic outcrops.

Prerequisites: ENVI 170, 270, 385, and 475.

S-U Grading

Preferred effective term: Fall 2009

COURSE REVISIONS

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

GEOG 314 - Meteorology

2 credits

This course is designed to give the student an understanding of the physical processes responsible for daily weather changes. Designed specifically for aerospace technology majors.

Prerequisites: GEOG 111 or 160, or consent of instructor.

Change prefix, number, and prerequisites to:

ENVI 352 - Meteorology

2 credits

This course is designed to give the student an understanding of the physical processes responsible for daily weather changes. Designed specifically for aerospace technology majors.

Prerequisites: ENVI 110, or consent of instructor.

A-F Grading

Preferred effective term: Fall 2009

GEOG 316 - Weather and Climate

3 credits

Examination of the physical processes responsible for daily weather changes and their relationships to regional climates.

Prerequisites: GEOG 111 or GEOL 160, or consent of instructor.

General Education Credit: [GE2000: Scientific and Mathematical Studies-Elective]

Change prefix, number, and prerequisites to:

ENVI 353 - Weather and Climate

3 credits

Examination of the physical processes responsible for daily weather changes and their relationships to regional climates.

Prerequisites: ENVI 110, or consent of instructor.

General Education Credits: [GE2000: Scientific and Mathematical Studies-Elective]

A-F Grading

Preferred effective term: Fall 2009

GEOG 415 - Field Geography of the United States

1-6 credits

Field geography traverse of a selected area of the United States. Amount of credit depends upon area studied.

Prerequisites: 85 credits of course credit and consent of instructor.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prefix and number to:

ENVI 490 - Field Geography of the United States

1-6 credits

Field geography traverse of a selected area of the United States. Amount of credit depends upon area studied.

Prerequisites: 85 credits of course credit and consent of instructor.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Preferred effective term: Fall 2009

GEOL 418 - Soil Genesis and Classification

3 credits

An analysis of how soils are formed through interactions of climate, vegetation/biotic features, parent material, and slope over time. Classification and distribution of soils are emphasized.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prefix and number to:

ENVI 463 - Soil Genesis and Classification

3 credits

An analysis of how soils are formed through interactions of climate, vegetation/biotic features, parent material, and slope over time. Classification and distribution of soils are emphasized.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Preferred effective term: Fall 2009

GEOL 499 - Senior Seminar and Research

1-3 credits

Seminars on important geologic subjects and in-depth independent research in some area of student interest.

Prerequisites: GEOL 170 and consent of instructor.

Note: University Honors students may elect to take this course for Honors credit.

Change prefix, title, and prerequisites to:

ENVI 499 - Senior Thesis and Research

1-3 credits. In-depth independent research in some area of student interest.

Prerequisites: consent of faculty advisor.

Repeatable: up to 3 credits

A-F Grading

Preferred effective term: Fall 2009

ANTH 201 - Introduction to Prehistory

3 credits

An overview of world prehistory from the beginning of human culture, including discussion of glacial-period hunters, later hunter-gatherers, the beginnings of agriculture, and the emergence of complex societies in selected areas of the Old and New Worlds.

Change prefix, title, and description to:

ENVI 201 - Prehistory and Climate Change

3 credits

An overview of prehistoric adaptation to climate change from the beginning of human culture, including discussion of glacial-period hunters, hunter-gatherers, and the beginnings of agriculture in selected areas of the Old and New Worlds.

A-F Grading

Preferred effective term: Fall 2010

ANTH 308 - Human Emergence

3 credits

Emphasis is on the study of human evolution. Topics of study include a review of extant primate species, the primate fossil record, major debates in the field, and current research in paleoanthropology.

Change prefix and title to:

ENVI 308 - Human Evolution

3 credits

Emphasis is on the study of human evolution. Topics of study include a review of extant primate species, the primate fossil record, major debates in the field, and current research in paleoanthropology.

A-F Grading

Preferred effective term: Fall 2009

ANTH 315 - Indians of North America

3 credits

The culture, areas, and tribes of American Indians north of the Rio Grande, with particular emphasis on representative tribes.

General Education Credits: [GE2000: Multicultural Studies-U.S. Diversity]

Change prefix and number to:

ENVI 310 - Indians of North America

3 credits

The culture, areas, and tribes of American Indians north of the Rio Grande, with particular emphasis on representative tribes.

General Education Credits: [GE2000: Multicultural Studies-U.S. Diversity]

A-F Grading

Preferred effective term: Fall 2009

ANTH 401 - Human Ecology

3 credits

The purpose of this course is two fold: first to introduce evolutionary theory, models, and concepts used to investigate animal behavior and second to review the literature and apply these models to primates including humans. Topics will include living in groups, sexual selection, contests over resources, and the evolution of cooperation.

Change prefix and number to:

ENVI 440 - Human Ecology

3 credits

The purpose of this course is two fold: first to introduce evolutionary theory, models, and concepts used to investigate animal behavior and second to review the literature and apply these models to primates including humans. Topics will include living in groups, sexual selection, contests over resources, and the evolution of cooperation.

A-F Grading

Preferred effective term: Fall 2009

ANTH 409 - Medical Anthropology

3 credits

Study of health and disease patterns in human populations. This course draws on qualitative, demographic, and epidemiological methods and various theoretical perspectives to investigate changing disease patterns in prehistoric, historic, and modern populations.

General Education Credit: [GE2000: Social and Behavioral Studies-Elective]

Change prefix and number to:

ENVI 442 - Medical Anthropology

3 credits

Study of health and disease patterns in human populations. This course draws on qualitative, demographic, and epidemiological methods and various theoretical perspectives to investigate changing disease patterns in prehistoric, historic, and modern populations.

General Education Credit: [GE2000: Social and Behavioral Studies-Elective]

A-F Grading

Preferred effective term: Fall 2009

ANTH 415 - Archaeological Method and Theory

3 credits

Scientific methods and theories used to study human cultural evolution; emphasis on the design of research projects and the interdisciplinary nature of archaeology.

Prerequisites: ANTH 201

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prefix, number, title, description, and remove prerequisite to:

ENVI 445 - Archaeological Methods

3 credits

Scientific methods used to study human cultural evolution; emphasis on the analysis of artifacts and other archaeological remains.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Preferred effective term: Fall 2009

ANTH 420 - Archaeology of Eastern North America

3 credits

An in-depth study of prehistoric cultures of the Eastern Woodlands, from Paleoindian through Mississippian periods. Considers the interaction of climate change, subsistence, settlement, and socio-political organization as reflected in the archaeological record.

Note: Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prefix, number, title, and description to:

ENVI 446 - Midwestern Archaeology

3 credits

An in-depth study of prehistoric cultures of the Midwest U.S., from Paleoindian through Mississippian periods. Considers the interaction of climate change, subsistence, settlement, and socio-political organization as reflected in the archaeological record.

A-F Grading

Preferred effective term: Fall 2009

ANTH 425 - Issues in Biological Anthropology

3 credits

In-depth study of a particular topic in biological anthropology such as forensic identification, disease patterns, or human biology.

Note: The Schedule of Classes will indicate the major emphasis; may be repeated for credit under a different topic.

Change prefix, number, and add repeatable to:

ENVI 435 - Issues in Biological Anthropology

3 credits

In-depth study of a particular topic in biological anthropology such as forensic identification, disease patterns, or human biology.

Repeatable: up to six credits under a different topic.

Note: The Schedule of Classes will indicate the major emphasis.

A-F Grading

Preferred effective term: Fall 2009

ANTH 430 - Current Issues in Archaeology

3 credits

In-depth study of a particular topic in archaeology such as prehistoric hunter-gatherers, landscape archaeology, or cultural resource management law and practice.

Note: The Schedule of Classes will indicate the major emphasis; may be repeated for credit under a different topic. Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prefix, number, description, and repeatable to:

ENVI 447 - Current Issues in Archaeology

3 credits

In-depth study of a particular topic in archaeology such as prehistoric hunter-gatherers, landscape archaeology, or cultural resource management law and practice.

Note: The Schedule of Classes will indicate the major emphasis. Open to graduate students. Graduate students are required to do additional work of a research nature.

Repeatable: may be repeated for credit under a different topic.

A-F Grading

Preferred effective term: Fall 2009

ANTH 450 - Forensic Anthropology

3 credits

Introduction to the practice of forensic anthropology through intensive study of human skeletal anatomy and basic methods of identification from skeletal remains. Principles learned in the course are applied in simulated forensic case investigations.

Change prefix and number to:

ENVI 443 - Forensic Anthropology

3 credits

Introduction to the practice of forensic anthropology through intensive study of human skeletal anatomy and basic methods of identification from skeletal remains. Principles learned in the course are applied in simulated forensic case investigations.

A-F Grading

Preferred effective term: Fall 2009

ANTH 469 - Archaeological Field School

6 credits

Intensive training in surveying, excavation, and laboratory analyses at a selected field station.

Change prefix and number to:

ENVI 491 - Archaeological Field School

6 credits

Intensive training in surveying, excavation, and laboratory analyses at a selected field station.

A-F Grading

Preferred effective term: Fall 2009

ANTH 498 - The Human Discovery

3 credits

This course explores the discovery of the human self and the current research on understanding the physical human, the mental and emotional human, and the social human.

Prerequisites: at least 78 credits and seven of nine required Liberal Studies courses.

Note: See the General Education section of the Catalog for a complete description of the capstone requirement.

General Education Credit: [GE2000: Capstone Course]

Capstone Course: Capstone Course

Change prefix, number, and description to:

ENVI 449 - Human Discovery

3 credits

This course explores the discovery of the human self and the current research on how the mental and the social human creates and reacts to changes in nature.

Prerequisites: at least 78 credits and seven of nine of the Liberal Studies courses.

Note: See the General Education section of the Catalog for a complete description of the capstone requirement.

General Education Credit: [GE 2000: Capstone Course]

Capstone Course: Capstone Course

A-F Grading

Preferred effective term: Fall 2009

GRADUATE PROPOSALS

COURSE REVISIONS

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

GEOG 515 - Field Geography of the United States

1-6 credits

Field geography traverse of a selected area of the United States. Amount of credit depends upon area studied.

Prerequisites: 85 credits of course credit and consent of instructor.

Change prefix and number to:

ENVI 590 - Field Geography of the United States

1-6 credits

Field geography traverse of a selected area of the United States. Amount of credit depends upon area studied.

Prerequisites: 85 credits of course credit and consent of instructor.

A-F Grading

Preferred effective term: Fall 2009

GEOG 516 - Climatology

3 credits

Elements of physical synoptic and applied climatology viewed in the context of world regional climates.

Change prefix and number to:

ENVI 553 - Climatology

3 credits

Elements of physical synoptic and applied climatology viewed in the context of world regional climates.

A-F Grading

Preferred effective term: Fall 2009

GEOG 520 - Geography of Anglo-America

3 credits

Regional analysis of Canada and the United States in terms of population, culture, and economy.

Change prefix and number to:

ENVI 525 - Geography of Anglo-America

3 credits

Regional analysis of Canada and the United States in terms of population, culture, and economy.

A-F Grading

Preferred effective term: Fall 2009

GEOG 532 - Political Geography

3 credits

Problems arising where the boundaries of sovereign states fail to separate national groups and where corporate limits fail to encompass all segments of a metropolis.

Change prefix and number to:

ENVI 518 - Political Geography

3 credits

Problems arising where the boundaries of sovereign states fail to separate national groups and where corporate limits fail to encompass all segments of a metropolis.

A-F Grading

Preferred effective term: Fall 2009

GEOG 533 - Geographical Analysis of Urban Systems

3 credits

The theoretical and empirical spatial organization of the metropolitan landscape, emphasizing social and economic function, movement, growth, and policy.

Prerequisites: 110, 111 or 213, or consent of instructor.

Change prefix, number, and prerequisites to:

ENVI 521 - Geographical Analysis of Urban Systems

3 credits

The theoretical and empirical spatial organization of the metropolitan landscape, emphasizing social and economic function, movement, growth, and policy.

Prerequisites: ENVI 105 or 213, or consent of instructor.

A-F Grading

Preferred effective term: Fall 2009

GEOG 535 - Interpreting American Cityscapes

3 credits

An analysis of the contrasts between laissez faire and planned landscapes in different types of commercial and residential districts and green spaces.

Change prefix and number to:

ENVI 522 - Interpreting American Cityscapes

3 credits

An analysis of the contrasts between laissez faire and planned landscapes in different types of commercial and residential districts and green spaces.

A-F Grading

Preferred effective term: Fall 2009

GEOG 540 - Advanced Quantitative Geography

3 credits

The application of statistical techniques within geographical contexts, including descriptive, inferential, and multivariate methodologies. Emphasis is on problem solving in the geosciences.

Prerequisites: 240 or equivalent or consent of instructor.

Change prefix and number to:

ENVI 515 - Advanced Quantitative Geography

3 credits

The application of statistical techniques within geographical contexts, including descriptive, inferential, and multivariate methodologies. Emphasis is on problem solving in the geosciences.

Prerequisites: ENVI 240 or equivalent or consent of instructor.

A-F Grading

Preferred effective term: Fall 2009

GEOG 542 - Geographic Information Systems: Applications

3 credits

Application of basic principles of geometric information systems by providing practice in employing this technology to a simulated problem.

Prerequisites: 100-level course or higher in geography or geology or consent of instructor.

Change prefix and number to:

ENVI 501 - Geographic Information Systems: Applications

3 credits

Application of basic principles of geometric information systems by providing practice in employing this technology to a simulated problem.

Prerequisites: 100-level course or higher in geography or geology or consent of instructor.

A-F Grading

Preferred effective term: Fall 2009

GEOG 544 - The Processing of Spatial Data for Geoscientists

3 credits

The application of a computer language to the processing of geographic (spatial) data.

Prerequisites: 100-level course or higher in geography or geology or consent of instructor.

Change prefix and number to:

ENVI 502 - The Processing of Spatial Data for Geoscientists

3 credits

The application of a computer language to the processing of geographic (spatial) data.

Prerequisites: 100-level course or higher in geography or geology or consent of instructor.

A-F Grading

Preferred effective term: Fall 2009

GEOG 546 - Automated Cartography

3 credits

The application and analysis of computer programs as an alternate cartographic technique.

Change prefix and number to:

ENVI 504 - Automated Cartography

3 credits

The application and analysis of computer programs as an alternate cartographic technique.

A-F Grading

Preferred effective term: Fall 2009

GEOG 548 - Environmental Modeling and Mapping

3 credits

An analysis of how GIS, remote sensing, and other geospatial techniques are applied in environmental studies. Different methods of GIS modeling and GIS-environmental modeling integration are emphasized.

Prerequisites: successful completion of one GIS or remote sensing course, or permission of the

instructor.

Cross-listed: Also listed as Geology 548.

Change prefix, number, and remove cross-listing to:

ENVI 550 - Environmental Modeling and Mapping

3 credits

An analysis of how GIS, remote sensing, and other geospatial techniques are applied in environmental studies. Different methods of GIS modeling and GIS-environmental modeling integration are emphasized.

Prerequisites: successful completion of one GIS or remote sensing course, or permission of the instructor.

A-F Grading

Preferred effective term: Fall 2009

GEOG 590 - Problems in Geography

1-6 credits

Investigations of original sources of geographic literature, statistics, and field work on geographic problems.

Prerequisites: consent of instructor.

Change prefix, number, and description to:

ENVI 596 - Advanced Research

1-6 credits

Literature, laboratory, or field research of a selected topic or problem. Repeatable up to 6 credits. **Prerequisite:** consent of instructor.

A-F Grading

Preferred effective term: Fall 2009

GEOL 518 - Soil Genesis and Classification

3 credits

An analysis of how soils are formed through interactions of climate, vegetation/biotic features, parent material, and slope over time. Classification and distribution of soils are emphasized.

Change prefix and number to:

ENVI 563 - Soil Genesis and Classification

3 credits

An analysis of how soils are formed through interactions of climate, vegetation/biotic features, parent material, and slope over time. Classification and distribution of soils are emphasized.

A-F Grading

Preferred effective term: Fall 2009

GEOL 597 - Seminar in Advanced Geology

1-9 credits

Department seminar investigating a selected field of advanced geology (topic announced prior to registration.)

Prerequisites: 9 credits of geology or consent of instructor.

Repeatable: up to 9 credits.

Change prefix, title, and prerequisites to:

ENVI 597 - Seminar in Advanced Topics

1-9 credits

Department seminar investigating a selected field of advanced geology (topic announced prior to

registration.)

Prerequisites: 9 semester hours of department credit or consent of instructor.

Repeatable: up to 9 credits.

A-F Grading

Preferred effective term: Fall 2009

ANTH 515 - Archaeological Method and Theory

3 credits

Scientific methods and theories used to study human cultural evolution; emphasis on the design of research projects and the interdisciplinary nature of archaeology.

Prerequisites: 201

Change prefix, number, title, description, and remove prerequisites to:

ENVI 545 Archaeological Methods

3 credits

Scientific methods used to study human cultural evolution; emphasis on the analysis artifacts and other archaeological remains.

A-F Grading

Preferred effective term: Fall 2009

ANTH 520 - Archaeology of Eastern North America

3 credits

An in-depth study of prehistoric cultures of the Eastern Woodlands, from Paleo-Indian through Mississippian periods. Considers the interaction of climate change, subsistence, settlement, and socio-political organization as reflected in the archaeological record.

Change prefix, number, title, and description to:

ENVI 546 - Midwestern Archaeology

3 credits

An in-depth study of prehistoric cultures of the Midwest U.S., from Paleoindian through Mississippian periods. Considers the interaction of climate change, subsistence, settlement, and socio-political organization as reflected in the archaeological record.

A-F Grading

Preferred effective term: Fall 2009

ANTH 530 - Current Issues in Archaeology

3 credits

In-depth study of a particular topic in archaeology such as prehistoric hunter-gatherers, landscape archaeology, or cultural resource management law and practice.

Note: The schedule of classes will indicate the major emphasis; may be repeated for credit under a different topic.

Change prefix, number, description, and add repeatable to:

ENVI 547 - Current Issues in Archaeology

3 credits

In-depth study of a particular topic in archaeology such as prehistoric hunter-gatherers, landscape archaeology, or cultural resource management law and practice.

Repeatable: may be repeated for credit under a different topic.

Note: The schedule of classes will indicate the major emphasis.

A-F Grading

Preferred effective term: Fall 2009

ANTH 569 - Archeological Field School

6 credits

Intensive training in surveying, excavation, and laboratory analyses at a selected field station.

Change prefix and number to:

ENVI 591 - Archeological Field School

6 credits

Intensive training in surveying, excavation, and laboratory analyses at a selected field station.

A-F Grading

Preferred effective term: Fall 2009

ANTH 601 - Advanced Archaeological Theory

3 credits

An intensive study of archaeological theory with an emphasis on current concepts employed in archaeological research and interpretation.

Change prefix, title, and description to:

ENVI 601 - Geoarchaeology Seminar

3 credits

Advanced study of geoarchaeological approaches with an emphasis on current concepts employed in archaeological and geoscience research and interpretation.

A-F Grading

Preferred effective term: Fall 2009

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES: Provisional Department of Biology

Ph.D. Life Sciences – Microbial and Cellular Biology

CIP Code: 260101 Major Code: 2662

Brief Summary:

The Department of Biology wishes to change the name of its programs to reflect the new name of the Department.

Proposed Catalog Copy:

Ph.D. Biology – Microbiology

CIP Code: 260101 Major Code: _____

Preferred effective term: Fall 2009

CORRECTIONS

The satisfactory/unsatisfactory grading should have been removed from the new course description.

COLLEGE OF ARTS AND SCIENCES: Family and Consumer Sciences

FCS 412 - Apparel Market Experience

2 credits

Supervised work experience with apparel manufacturers and sales representatives in the marketplace. Satisfactory/unsatisfactory grades given.

Prerequisites: senior standing and consent of instructor.

Change course grading from satisfactory/unsatisfactory to:

FCS 412 - Apparel Market Experience

2 credits

Supervised work experience with apparel manufacturers and sales representatives in the marketplace.

Prerequisites: senior standing and consent of instructor.

A-F Grading

Preferred effective term: Fall 2009

COLLEGE OF ARTS AND SCIENCES: International Studies

The word “semester” was left out from the course description

IS 398 - International Studies—ISEP Study Abroad

0 credits

For students who plan to enroll in a *semester* or year-long program of study at a foreign university through the International Student Exchange Program (ISEP).

Note: Apply to the Study Abroad Coordinator in the International Affairs Center by spring of the sophomore year.

Change descriptions and add repeatable to:

IS 398 - International Studies—Study Abroad

0 credits

For students who plan to enroll in a *semester* or year-long program of study at a foreign university.

Repeatable: Once.

Note: Apply to the Study Abroad Coordinator in the International Affairs Center by spring of the sophomore year.

S-U Grading

Preferred effective term: Fall 2009

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

On page 24 of Academic Notes July 6, 2009, the new proposed title for the Geology Major was incorrect. The correct proposed title is listed below in bold and italics:

Earth and Environmental Science Major (59-73 credits)

CIP Code: 400601 Major Code: _____

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

On page 21 of Academic Notes July 6, 2009, the electives were missing from the GIScience

Concentration, the correct proposed catalog copy includes the electives in bold and italic as follows:

Human and Environmental Systems Major (41-50 credits)

CIP Code: 450701 Major Code: _____

Common Core for all Departmental Concentrations (14 credits)

ENVI 110 Introduction to Environmental Science 3 credits
ENVI 110L Introduction to Environmental Science Lab 1 credit
ENVI 130 World Culture and Environments 3credits
ENVI 170 Earth Science 3 credits
ENVI 170L Earth Science Lab 1 credit
ENVI 460 Conservation and Sustainability of Natural Resources 3 credits

Required Statistics for all HES Majors (3 credits)

Choose one:

ENVI 240 Introduction to Quantitative Geography 3 credits
MATH 241 Principles of Statistics 3 credits
SOC 381 Statistics for Social Research 3 credits
HLTH 340 Health Biostatistics 3 credits
Or another statistics course approved by the Department

Department Electives (6 credits)

Select any ENVI courses.

Anthropology Concentration (27 credits)

ENVI 201 Prehistory and Climate Change 3 credits
ENVI 205 Introduction to Biological Anthropology 3 credits
ENVI 308 Human Evolution 3 credits
ENVI 436 Environmental Archaeology 3 credits
ENVI 440 Human Ecology 3 credits
ENVI 449 Human Discovery 3 credits

Choose three courses from the following:

ENVI 303 Aspects of Culture 3 credits
ENVI 310 Indians of North America 3 credits
ENVI 435 Issues in Biological Anthropology 3 credits
ENVI 442 Medical Anthropology 3 credits
ENVI 443 Forensic Anthropology 3 credits
ENVI 445 Archaeological Methods 3 credits
ENVI 446 Archaeology of Eastern North America 3 credits
ENVI 447 Current Issues in Archaeology 3 credits

Geography Concentration (18 credits)

ENVI 105 Introduction to Human Geography 3 credits

ENVI 211 Physical Geography 3 credits

ENVI 212 Intermediate Cartography 3 credits

1 course from each of the following areas:

Human Systems

ENVI 313 Advanced Economic Geography 3 credits

ENVI 417 Industrial Geography 3 credits

ENVI 418 Political Geography 3 credits

ENVI 419 Global Geography 3 credits

ENVI 420 Urban Geography 3 credits

ENVI 421 Geographical Analysis of Urban Systems 3 credits

ENVI 422 Interpreting American Cityscapes 3 credits

ENVI 423 Geography of the Middle East 3 credits

ENVI 425 Geography of Anglo-America 3 credits

Physical Systems

ENVI 351 Regional Geomorphology 3 credits

ENVI 353 Weather and Climate 3 credits

ENVI 452 Quaternary Environments 3 credits

ENVI 453 Climatology 3 credits

ENVI 454 Introduction to Hydrology 3 credits

ENVI 463 Soil Genesis and Classification 3 credits

Geo-Techniques

ENVI 401 GIS: Applications 3 credits

ENVI 402 The Processing of Spatial Data for Geoscientists 3 credits

ENVI 404 Automated Cartography 3 credits

ENVI 405 Fundamentals of Remote Sensing 3 credits

ENVI 412 Advanced Cartography 3 credits

ENVI 415 Advanced Quantitative Geography 3 credits

ENVI 450 Environmental Modeling and Mapping 3 credits

GIScience Concentration (18 credits)

ENVI 212 Introduction to GIScience 3 credits

ENVI 242 Introduction to Geographic Information Systems 3 credits

ENVI 401 GIS: Applications 3 credits

ENVI 405 Fundamentals of Remote Sensing 3 credits

ENVI 407 Remote Sensing: Digital Analysis of Spectral Data 3 credits

Electives (3 credits)

Select any ENVI course

Preferred effective term: Fall 2009

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

The Department of Geography, Geology, and Anthropology has revised the curriculum proposal for the Conservation Minor for Non-Life Sciences Majors after its publication in Academic Notes of July 6, 2009. Changes are noted in bold and italics.

Conservation Minor for non-Life Sciences Majors (26 credits)

CIP Code: 450701 Major Code: 2127

Brief Summary:

Changes are required to this minor because of course prefix/number changes to ENVI and banking of GEOG courses.

Proposed Catalog Copy:

Conservation Minor for non-Biology Majors (27 credits)

CIP Code: 450701 Major Code: _____

Required Courses:

ENVI 110 Introduction to Environmental Science 3 credits

ENVI 110L Introduction to Environmental Science Lab 1 credit

ENVI 170 Earth Science 3 credits

ENVI 460 Conservation and Sustainability of Natural Resources 3 credits

BIO 101 Principles of Biology I 3 credits

BIO 101L Principles of Biology I Lab 1 credit

BIO 102 Principles of Biology II 3 credits

BIO 102L Principles of Biology II Lab 1 credit

BIO 113 A Survey of the Plant Kingdom 3 credits

BIO 455 Humans and the World Environment 3 credits

RCSM 361 Introduction to Outdoor Entertainment 3 credits

Preferred effective term Fall 2009