



Academic Notes

JANUARY 31, 2005

AN 2004-2005

****SPECIAL NOTICES****

The second round of University Research Committee (URC) grant applications has a deadline of the first Monday of February (02/07/2005). The URC grants support faculty research. Information packets with applications and complete guidelines are available in the Office of Sponsored Programs, Erickson Hall, Room 114 or you may download the guidelines and applications from OSP's Web site <http://osp.indstate.edu> (click on the Form's link on the home page). For questions contact the Office of Sponsored Programs at 3088.

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR SPRING 2005**

Below is the circulation schedule for the hard copy of *Academic Notes* through May 2, 2005. An asterisk (*) indicates a curricular issue. **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^a prior to the distribution of *Academic Notes* on the following Monday, along with an E-Mail or a diskette with the same information in Microsoft Word format. Failure to submit a diskette containing this information will delay publication.** An electronic version of *Academic Notes* is available using Acrobat Reader via the ISU Web Page at – <http://web.indstate.edu/acadnotes/> –.

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR SPRING 2005**

<u>Deadline for Items</u>	<u>Issue Date</u>
February 2	February 7
February 9*	February 14*
February 16	February 21
February 23*	February 28*
March 2	March 7
March 9*	March 14*
March 16	March 21
March 23*	March 28*
March 30	April 4
April 6*	April 11*
April 13	April 18
April 20*	April 25*

April 27

May 2

¹ Due to holidays, the dates for submission and publication have been moved up or back a day.

FACULTY GOVERNMENT

INDIANA STATE UNIVERSITY FACULTY SENATE EXECUTIVE COMMITTEE

The Executive Committee of the University Faculty Senate will meet at 3:15 p.m. on Tuesday, February 1, 2005, in Hulman Memorial Student Union 227.

Agenda

- I. Administrative Report
- II. Chair Report
- III. Fifteen Minute Open Discussion
- IV. Approval of the Minutes
 - CAAC: PE, Martial Arts Minor
- VI. Information Item: ADA Policy
- VII. Old Business
 - Draft of Handbook Language on Deans' Reviews
- VIII. New Business
- IX. Standing Committee Reports

CURRICULUM

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UNDERGRADUATE GENERAL EDUCATION PROPOSALS

NEW COURSE

COLLEGE OF ARTS AND SCIENCES: African and African American Studies

AFRI 222 African Cultural Traditions--3 hours. An overview of African cultural thought and practice. Emphasis on understanding specific aspects of African cultural life, such as religion, aesthetics, political organization, and social institutions, and how these cultural areas relate to the struggle for liberation.

Preferred Effective Term: Summer I 2005

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: African and African American Studies

AFRI 212 African and African American Cultural Traditions--3 hours. A more focused and analytical examination of Black thought, ideology, and culture, as well as of the institutional aspects of Black American life. General Education Credits [GE89; E3; GE2000: Multicultural Studies-U.S. Diversity]

Change title to:

AFRI 212 African American Cultural Traditions--3 hours. A focused and analytical examination of Black thought, ideology, and culture, as well as of the institutional aspects of Black

Preferred Effective Term: Spring 2005

UNDERGRADUATE PROPOSALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: African and African American Studies

AFRI 390 **Introduction to Research Methods in African and African American Studies--3** hours. This course is an introduction to the basic research methods used in African and African American studies. It examines historical, anthropological, behavioral, and critical methods. Attention is given to the methodological foundations of the African-centered method in the research methods used in the social and behavioral sciences, as well as some of the primary methods used in the humanities. An introductory course, it is primarily tailored to persons who are not experienced in research methods. The two major objectives of the course are to acquaint students with research methods, procedures, and terminology so that they are able to read and understand published research articles using the basic methods, and to give them some of the major skills needed to develop their own original research projects. In terms of the first objective (reading and understanding published articles) students will find that some methods are fairly common sense oriented (e.g., content analysis, historical analysis, observation), while other methods (e.g., experimental, survey design, and other quantitative methods) are somewhat more technical. More time will be spent on the latter group.

Change description and prerequisites to:

AFRI 390 **Introduction to Research Methods in African and African American Studies--3** hours. An introduction to research methods in African and African American Studies. Topics will include bibliography, editing, survey design and implementation, and exercises intended to familiarize the student with various research sources, tools and databases. Prerequisites: Completion of 18 hours in African and African American Studies, including AFRI 113, AFRI 212, AFRI 222, AFRI 312 for majors; completion of AFRI 113, AFRI 212, and AFRI 222, AFRI 312 for minors; non-majors and minors admitted by Departmental permission only.

Preferred Effective Term: Summer I 2005

AFRI 486 **Senior Seminar in African and African American Studies--3** hours. Open to senior African and African American studies majors and, with the permission of the instructor, to other advanced undergraduates. An in-depth study of a specific topic using interdisciplinary methods of inquiry. Topics of the course will vary. Students will be expected to write a major paper for the course.

Change description and prerequisites to:

AFRI 486 **Senior Seminar in African and African American Studies--3** hours. An in-depth study of a topic or topics determined by the instructor. This course will provide a

culminating experience for students in African and African American Studies, building upon previous course work in the discipline. Course work may include research projects, seminars, and service learning experiences. Pre-Requisites: Completion of 30 hours in African and African American Studies, including AFRI

UNDERGRADUATE PROPOSALS: Course Revisions – ARFI 486- continued.

390 for majors; completion of AFRI 390 for minors; non-majors and minors students admitted by Departmental permission only.

Preferred Effective Term: Summer I 2005

COLLEGE OF ARTS AND SCIENCES: Life Sciences

LIFS 372 Clinical Microscopy--2 hours. Microscopic examination and evaluation of both stained and unstained clinical specimens including urine, blood, etc., emphasizing form and function of the formed elements. Body fluid (renal, circulatory, central nervous system, pleural, etc.) physiology, chemical and cellular constituents will be studied and correlated to observations of the corresponding specimen. Prerequisite: concurrent enrollment in 372L.

Change number and prerequisites to:

LIFS 272 Clinical Microscopy--2 hours. Microscopic examination and evaluation of both stained and unstained clinical specimens including urine, blood, etc., emphasizing form and function of the formed elements. Body fluid (renal, circulatory, central nervous system, pleural, etc.) physiology, chemical and cellular constituents will be studied and correlated to observations of the corresponding specimen. Corequisite: 272L. Offered Spring

Preferred Effective Term: Fall 2005

LIFS 372L Clinical Microscopy Laboratory--1 hour. Laboratory microscopic study of normal and abnormal urinary sediments, clinical serology tests. Prerequisite: concurrent enrollment in 372. Offered: spring.

Change number and prerequisites to:

LIFS 272L Clinical Microscopy Laboratory--1 hour. Laboratory microscopic study of normal and abnormal urinary sediments, clinical serology tests. Corequisite: 272. Offered: spring.

Preferred Effective Term: Fall 2005

LIFS 373 Hematology--2 hours. Basic theory related to morphology, maturation, and function of normal and abnormal blood cells in view of patho-physiology. Prerequisite: concurrent enrollment in 373L.

Change number and prerequisites to:

LIFS 273 Hematology--2 hours. Basic theory related to morphology, maturation, and function of normal and abnormal blood cells in view of patho-physiology. Corequisite: 273L. Offered fall.

Preferred Effective Term: Fall 2005

LIFS 373L Hematology Laboratory--1 hour. Laboratory emphasis on cell counts, cellular differentiation, basic instrumentation, and quality control. Prerequisite: concurrent enrollment in 373. Offered fall.

Change number and prerequisites to:

UNDERGRADUATE PROPOSALS: Course Revisions – LIFS 273L - continued.

LIFS 273L Hematology Laboratory--1 hour. Laboratory emphasis on cell counts, cellular differentiation, basic instrumentation, and quality control. Corequisite: 273. Offered fall.

Preferred Effective Term: Fall 2005

COURSE ELIMINATION

COLLEGE OF ARTS AND SCIENCES: African and African American Studies

AFRI 286 Fundamentals in African and African American Studies-- 1 hour. The primary goal of this course is to plan and carry out the most appropriate curricular and educational program for majors and minors in African and African American studies. To do this, an inherent purpose of the assessment must be to determine the specific skill level of the students relative to the task to be performed, be it an academic or social task. The obtainable assessment information will allow the instructors in African and African American studies to specify more exactly the scholastic achievement and progress of the students, as well as educational strategies to be used within the program. The primary purposes of assessment in the Department of African and African American Studies are identified as: developing the most appropriate education program for the students; making decisions relative to placement of students in required and elective courses; and outlining the evaluation procedures that are to be used in determining the effectiveness of the students' individual educational program in meeting identified goals and objectives. These purposes will provide the basis from which to determine or to account for the effects that a particular course will have on student performance.

Preferred Effective Term: Spring 2005

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES AFRICAN AND AFRICAN AMERICAN STUDIES MAJOR AND MINOR PROGRAMS

Executive Summary:

The Department of African and African American Studies proposes the following changes to its major and minor programs. The requirement for AFRI 286 will be eliminated. AFRI 222 will be a new course of

African cultures. The total credit hour requirement for the African and African American Studies major will increase by two to 39 credits; the minor requirement will increase by two to 24 credits. The core curriculum will increase by two to 18 credits. The number of elective credits remains at 21 for the major, and 6 for the minor.

UNDERGRADUATE PROPOSALS: Program Revisions – African and African American Studies Major and Minor - continued.

A final area of revision involves the selection of elective courses. In order to ensure that students receive the broadest possible experience within the discipline, the Department will require that 12 of the 21 elective credits in the major be directed electives, chosen by the student in consultation with a Departmental faculty advisor. The remaining 9 elective credits will be open. Departmental faculty members are also currently working on additional course proposals in areas such as African music, the Black Family, and African American Protest traditions. These courses will be added to the choice of available electives as they are approved.

Rationale:

The Faculty in the Department of African and African American Studies has made a number of observations as part of the Student Outcomes Assessment process. First, although the stated intent of the Department in its 2001 report was to provide students with a solid grounding in global African cultures, in reality the Department’s offerings in the area of African cultures are limited. Therefore, the Department feels that it is necessary to institute a course dealing directly with this area, analogous to its current AFRI 212 course on African American Cultural Traditions. Secondly, the Faculty feels that the content of the AFRI 286 class can be easily absorbed into an existing course, and that a stand-alone course is not needed. The Department intends to strengthen its core course offerings, particularly in the area of its “research courses” (AFRI 390 and AFRI 486), and to expand its elective offerings.

**NEW CATALOG COPY
SIDE-BY-SIDE COMPARISON
African and African American Studies Major**

OLD PROGRAM		NEW PROGRAM	
	Credit Hours		Credit Hours
AFRI 113	3	AFRI 113	3
AFRI 212	3	AFRI 212	3
AFRI 286	1	---	---
---	--	AFRI 222	3
AFRI 312	3	AFRI 312	3
AFRI 390	3	AFRI 390	3
AFRI 486	3	AFRI 486	3

TOTAL	37 hours		39 hours
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* 9 hours must be from the 300 or 400 level

** 12 hours directed be directed electives chosen in consultation with an advisor, 9 hours will be free elective

*** Up to three credits may be applied to the major

UNDERGRADUATE PROPOSALS: Program Revisions – African and African American Studies Major and Minor - continued.

**NEW CATALOG COPY
SIDE-BY-SIDE COMPARISON
African and African American Studies Minor**

OLD PROGRAM		NEW PROGRAM	
	Credit Hours		Credit Hours
AFRI 113	3	AFRI 113	3
AFRI 212	3	AFRI 212	3
AFRI 286	1	---	---
---	--	AFRI 222	3
AFRI 312	3	AFRI 312	3
AFRI 390	3	AFRI 390	3
AFRI 486	3	AFRI 486	3
	16		18
6 hours from:		6 hours from:	
<i>Elective Courses</i>		<i>Elective Courses</i>	
AFRI 213	3	AFRI 213	3
AFRI 214	3	AFRI 214	3
AFRI 250	1	AFRI 250	1***
AFRI 260	3	AFRI 260	3
AFRI 313	3	AFRI 313	3
AFRI 323	3	AFRI 323	3
AFRI 325	3	AFRI 325	3
AFRI 331	3	AFRI 331	3
AFRI 334	3	AFRI 334	3
AFRI 345	3	AFRI 345	3
AFRI 350	3	AFRI 350	3
AFRI 351	3	AFRI 351	3
AFRI 354	3	AFRI 354	3

AFRI 383	3	AFRI 383	3
AFRI 399	3	AFRI 399	3
AFRI 401	3	AFRI 401	3
AFRI 423M	3	AFRI 423M	3
AFRI 438	3	AFRI 438	3
AFRI 445	3	AFRI 445	3
AFRI 473	3	AFRI 473	3
AFRI 489	3	AFRI 489	3
AFRI 494	3	AFRI 494	3
AFRI 495	3	AFRI 495	3
AFRI 496	3	AFRI 496	3
AFRI 498	3	AFRI 498	3
<i>Recommended Courses</i>		<i>(strike)</i>	
AFRI 243	3	AFRI 243	3
AFRI 340	3	AFRI 340	3
AFRI 385	3	AFRI 385	3
AFRI 423G	3	AFRI 423G	3
AFRI 423S	3	AFRI 423S	3
AFRI 433	3	AFRI 433	3
AFRI 453	3	AFRI 453	3
AFRI 463H	3	AFRI 463H	3
AFRI 463S	3	AFRI 463S	3
AFRI 463S	3	AFRI 463S	3
AFRI 468	3	AFRI 468	3
	6		6
TOTAL	22 hours		24 hours

*** Up to three credits may be applied to the minor

Preferred Effective Term: Fall 2005

**COLLEGE OF ARTS AND SCIENCES
LIFE SCIENCES
CLINICAL LABORATORY SCIENCE**

Executive Summary:

In order to resolve inconsistencies in the catalog created when the CLS program merged with Life Sciences, the Department proposes the following revisions to the CLS curriculum:

Add required Life Sciences:
300/400 elective 3 hrs.

LIFS 380/380L

LIFS 375/375L

Change course numbers:

LIFS 372/372L to LIFS 272/272L

LIFS 373/373L to LIFS 273/273L

Rationale:

It is apparent from research done in Academic Affairs and the Dean's office that 375/375L were inadvertently left out of the catalog copy. LIFS 380/380L were added to the LIFS curriculum shortly before CLS was merged into the department and paperwork was never completed to bring the CLS program in line with the LIFS curriculum.

When the CLS courses were moved into Life Sciences, several course numbers were changed. The Department has concluded that the courses are in fact 200-level courses and course numbers should reflect this.

UNDERGRADUATE PROPOSALS: Program Revisions – Clinical Laboratory Science - continued.

Old Catalog Copy

Clinical Laboratory Science Curricula

Major (3-plus-1 Program)(52 semester hours)

Required Life Sciences: 101--3 hrs.; 101L--1 hr.; 102--3 hrs.; 102L--1 hr.; 241--2 hrs.; 241L--1 hr.; 372--2 hrs.; 372L--1 hr.; 373--2 hrs.; 373L--1 hr.; 374--3 hrs.; 374C--2 hrs.

Required fourth year Life Sciences courses: 470C, 471C, 472C, 473C, 474C, 475C, 476C--32-34 hrs.

Prerequisites include the following: Chemistry 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr.; 351--3 hrs.; 351L--1 hr.; 352--3 hrs.; 300/400-level electives--4 hrs.; Mathematics 115 or 241--3 hrs.; Physics 105--3 hrs., 105L--1 hr.

Proposed Catalog Copy

Clinical Laboratory Science Curricula

Major (3-plus-1 Program)(64 semester hours)

Required Life Sciences: 101--3 hrs.; 101L--1 hr.; 102--3 hrs.; 102L--2 hrs.; 241--2 hrs.; 241L--1 hr.; 272--2 hrs.; 272L--1 hr.; 273--2 hrs.; 273L--1 hr.; 374--3 hrs.; 374C--2 hrs.; 375--2 hrs.; 375L--1 hr.; 380--3 hrs.; 380L--1 hr.; 300/400-level elective--3 hrs.

Required fourth year Life Sciences courses: 470C, 471C, 472C, 473C, 474C, 475C, 476C--32-34 hrs.

Prerequisites include the following: Chemistry 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr.; 351--3 hrs.; 351L--1 hr.; 352--3 hrs.; 300/400-level electives--4 hrs.; Mathematics 115 or 241--3 hrs.; Physics 105--3 hrs., 105L--1 hr.

GRADUATE PROPOSALS

COURSE REVISIONS

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

GEOG 612 Development of Geographic Thought--2 hours. Development of geographic concepts from classical times to 1940 and the study of those who contributed to that development.

Change description and credit hours to:

GEOG 612 Development of Geographic Thought--3 hours. A review of the development of the discipline of geography and major approaches to geographic research.

Preferred Effective Term: Summer I 2005

GRADUATE PROPOSALS: Course Revisions – continued.

GEOG 613 Recent Geographic Thought--2 hours. Modern geographic thought, especially as it has developed since 1940, and the present status of geography and geographic methodology. Prerequisite:612.

Change title, description, prerequisites and credit hours to:

GEOG 613 Recent Geographic Thought and Research--1 hour. A series of colloquia that include lectures, discussions, and presentations on contemporary geographic thought and research.

Preferred Effective Term: Summer I 2005

GEOG 649 Individual Research in Economic Geography--hours arranged. Research course for advanced graduate students to work on selected topics in the field of economic geography. Prerequisite: 630 or consent of instructor.

Change title, description, prerequisites and credit hours to:

GEOG 649 Individual Research in Economic Geography--hours arranged. Research course for advanced graduate students to work on selected topics in the field of economic geography.

Preferred Effective Term: Fall 2005

COURSE REACTIVATIONS

COLLEGE OF BUSINESS: Business Education, Information, and Technology

ASBE 571 Office Laboratory Workshop for Teachers--2 hours. Emphasizes nature of and the placement and function of the intensive office laboratory in the curriculum as well as the development of appropriate job station materials. Prerequisites: 481-581 and 498-598 or equivalents.

Change prefix and hours to:

BEIT 571 Office Laboratory Workshop for Teachers--3 hours. Emphasizes nature of and the placement and function of the intensive office laboratory in the curriculum as well as the development of appropriate job station materials. Prerequisites: 481-581 and 498-598 or equivalents.

Preferred Effective Term: Summer I 2005

ASBE 581 Organization and Coordination of Vocational Education--3 hours. Study of local, area, state, regional, and federal relationships necessary for effective vocational education. Prerequisite: 381 or equivalent. (Also listed as Family and Consumer Sciences 581 and Industrial Technology Education 581.).

Change prefix, description, and title to:

BEIT 581 Foundations of Career and Technical Education--3 hours. This course provides the philosophy, background, nature, purpose, and role of career and technical education programs in secondary and postsecondary education and workforce development with emphasis on curriculum, assessment, and student organizations. Prerequisites: Secondary Teacher Certification or BEIT 592 or concurrent enrollment.

Preferred Effective Term: Summer I 2005

GRADUATE PROPOSALS: continued.

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES GEOGRAPHY, GEOLOGY, & ANTHROPOLOGY M.A. GEOGRAPHY

Executive Summary:

The Geography program within the Geography, Geology and Anthropology department seeks to update its graduate degree programs in Geography (M.A. and Ph.D.) in accordance with evolution in disciplinary trends and changes in faculty expertise, department profile and student opportunities. We propose the following changes to the M.A. curriculum:

- Specify GEOG 645 as the departmental statistics requirement (previously stated as 3 hours of departmentally approved statistics);
- GEOG 612, still required, gains 1 credit hour (from 2 to 3 hrs)
- Require 1 seminar course (GEOG 700, GEOG 710 or GEOG 711);
- Require a 1-hr. seminar based on participation in the department colloquium series (GEOG 613, which is reduced from 2 hrs. to 1 hrs.);
- Change the number of Geography elective hours required to 6 (from 7-9);
- Change the number of non-Geography elective hours required to 6 (from 6-8)

Credit hours required for the M.A. change to 37 from 33-37.

Rationale:

GGA hopes that the modifications above will strengthen the theoretical background and

technical competence in a geography ever more based on statistics and computer methods. The following are the specific and expected contributions made by each proposed change:

- GEOG 645 is the preferred advanced statistics class for our graduate students—it provides them the multivariate analysis capability necessary for a variety of research. By requiring 645, we ensure that all majors receive geography-specific examples and applications, as well as an emphasis on the particular subset of statistical technique most pertinent to geographer-scientists.
- The content of GEOG 612 will be expanded to emphasize the essential contributions of 20th century geographers (see attached proposal).
- All Geography graduate students will benefit from a compulsory seminar. The departmental faculty have concluded that the depth of exposure to theoretical literature afforded by a seminar format, where students actively drive the discussion through their summary of literature and analysis of data, is a key, not elective, student experience.
- Geography graduate students will be required to attend and participate in the department colloquium series (under the formal heading of GEOG 613) in order to advance their familiarity with contemporary issues and research methods.
- Required Geography electives are reduced to 6 hours (from a possibly confusing or deceptive 7) to compensate the addition of the required 700-level seminar.

GRADUATE PROPOSALS: Program Revisions – MA Geography – continued.

- The reduction in required non-geography classes is designed to offset the proposed increases (612, electives, seminar) and to eliminate the 2-hr outlier beyond a 2-course load.

Old Catalog Copy

Master of Arts—Geography (32 semester hours minimum)

Research: Geography 699--6 hrs. or 629--6 hrs. or 649--6 hrs.

Major: Geography 512--3hrs.; 610--3hrs.; 611--3 hrs; 612--2 hrs.; and 7-9 hours of Geography electives.

Other Requirements: 6-8 hrs. in Geology or in a discipline outside the department; 3 hours of departmentally approved statistics (or proficiency).

Culminating Experience: Successful defense of thesis or research project (s). In general, one-half of the credit hours must be taken in courses numbered 600 and above.

Proposed Catalog Copy

Master of Arts—Geography (37 semester hours minimum)

Research: Geography 699--6 hrs. or 629--6 hrs. or 649--6 hrs.

Major: Geography 512--3hrs.; 610--3 hrs.; 611--3 hrs; 612--3 hrs.; 613--1 hr.; 645--3 hrs.; and 6 hours of geography electives.

Seminar: Geography 700--3 hrs. or 710--3 hrs. or 711--3 hrs.

Other Requirements: 6 hrs. outside Geography in a discipline closely allied to the student's research area

(to be determined in consultation with the student's advisor).

Culminating Experience: Successful defense of thesis or research project (s). One-half of the credit hours must be taken in courses numbered 600 and above.

Preferred Effective Term: Summer I 2005

**COLLEGE OF ARTS AND SCIENCES
GEOGRAPHY, GEOLOGY, & ANTHROPOLOGY
Ph.D. GEOGRAPHY**

Executive Summary:

The Geography program within the Geography, Geology and Anthropology department seeks to update its graduate degree programs in Geography (M.A. and Ph.D.) in accordance with evolution in disciplinary trends and changes in faculty expertise, department profile and student opportunities. In addition, we have chosen to raise the level of rigor and performance expected of students. We propose the following changes to the Ph.D. curriculum:

- Specify GEOG 645 as the departmental statistics requirement (previously stated as 645 or statistics course or proficiency);

GRADUATE PROPOSALS: Program Revisions – Ph.D. Geography – continued.

- Eliminate GEOG 505 (Fundamentals of Remote Sensing);
- GEOG 612, still required, gains 1 credit hour (from 2 to 3 hrs)
- Require two 3-hr. seminar courses (selected from GEOG 700, GEOG 710 and GEOG 711); Require a 1-hr. seminar based on participation in the department colloquium series (GEOG 613, which is reduced from 2 hrs. to 1 hrs.);
- Core credit hours required for the Ph.D. change to 22 from 16-19.

Rationale:

GGA hopes that the modifications above will strengthen the theoretical background and technical competence in a geography ever more based on statistics and computer methods. The following are the specific and expected contributions made by each proposed change:

- GEOG 645 is the preferred advanced statistics class for our graduate students—it provides them the multivariate analysis capability necessary for a variety of research. By requiring 645, we ensure that all majors receive geography-specific examples and applications, as well as an emphasis on the particular subset of statistical technique most pertinent to geographer-scientists.
- Introductory remote sensing (GEOG 505), to be eliminated, is no longer considered essential training for all academic geographers, particularly human geographers. The required cartography class (GEOG 512), which remains in the program, retains the key geographic information science elements necessary for research.
- The content of GEOG 612 will be expanded to emphasize the essential contributions of 20 th

century geographers (see attached proposal).

- All geography graduate students will benefit from compulsory seminars (GEOG 700, 710, 711). The departmental faculty have concluded that the depth of exposure to theoretical literature afforded by a seminar format, where students actively drive the discussion through their summary of literature and analysis of data, is a key, not elective, student experience. We feel that this requirement is particularly significant of doctoral students, thus we are requiring two seminars.
- Geography graduate students will be required to attend and participate in the department colloquium series (under the formal heading of GEOG 613) in order to advance their familiarity with contemporary issues and research methods.

Old Catalog Copy

Ph.D. Geography

The Department of Geography, Geology, and Anthropology offers work leading to the degree of doctor of philosophy in two areas, economic geography and physical geography. Completion of the degree prepares the individual for university teaching or for work in one of the many research and applied fields in geography. Each candidate's program is built upon the candidate's prior preparation so that all essential requirements for the degree are met. The candidate is expected to complete 65 to 70 semester hours of course work beyond the baccalaureate degree. In addition, the candidate must write and successfully defend an acceptable dissertation. A core program of fundamentals in the field is listed below.

GRADUATE PROPOSALS: Program Revisions – Ph.D. Geography – continued.

Core Course Requirements (16-19 semester hours minimum)

Research Methods in Geography (611) 3 hours

Advanced Quantitative Methods in Geographic Research (645)

or statistics course 3 hours

Advanced Cartography (512) 3 hours

Field Geography Techniques or Field Geography Summer Camp (610) 3 hours

Fundamentals of Remote Sensing (505) 3 hours

Development of Geographic Thought (612) 2 hours

Recent Geographic Thought (613) 2 hours

Students must declare either physical geography or economic geography as a Ph.D. study area. Within these general categories, students and their advisors have the ability to create a program of study that integrates the students' interests with the areas of faculty expertise. An ancillary field should be selected to complement the candidate's major interest and to support the development of the dissertation. All candidates must submit evidence of the use of two foreign languages, or the facility to use statistics and computer science, or a combination of language and statistics, or a language and computer science. The candidate will, at all times, be guided by his or her advisor and committee to the program best suited to his or her needs.

Diagnostic Examinations

In the first semester of residence toward the doctoral degree, the applicant will be asked to submit to an oral diagnostic examination, the results of which will be used in planning the student's program. The examination is prepared by the department.

Admission to Candidacy

Admission to candidacy is based upon successful completion of minimum residence requirements (a normal load for two consecutive semesters), research tool proficiencies, written preliminary examinations in five substantive areas within the major field, and a general oral examination in the major and minor fields.

Proposed Catalog Copy

Ph.D. Geography

The Department of Geography, Geology, and Anthropology offers a graduate curriculum leading to a doctor of philosophy degree in geography with a specialization in either economic or physical geography. The program prepares individuals for a career as a professional geographer in the academy or as an applied researcher in the public and private sectors. Each student's program draws on prior preparation in geography or a closely allied field and requires that the core courses, a preliminary examination, and dissertation be completed.

GRADUATE PROPOSALS: Program Revisions – Ph.D. Geography – continued.

Core Course Requirements (22 semester hours minimum)

Research Methods in Geography (611)-3 hrs.

Advanced Quantitative Methods in Geographic Research (645)-3 hrs.

Advanced Cartography (512)-3 hrs.

Field Geography Techniques or Field Geography Summer Camp (610)-3hrs.

Development of Geographic Thought (612)-3 hrs.

Recent Geographic Thought (613)-1 hr.

Seminar in Geography (select 2 from 700,710,711)-6 hrs.

In addition to the core requirements, students must complete and successfully defend a dissertation (GEOG899, 18 hours) and meet the School of Graduate Studies research tool proficiency by completing an courses in the program core with a grade of "8" or better prior to proceeding to the preliminary examination. In preparation for the preliminary examination and dissertation, students must develop a program of study that integrates their research interests (economic or physical) with the areas of faculty expertise. The candidate will, at an times, be guided by his or her advisor and committee to the program best suited to his or her needs.

Diagnostic Examinations

In the first semester of residence toward the doctoral degree, the applicant will be asked to submit to an oral diagnostic examination, the results of which will be used in planning the student's program. The examination is prepared by the department.

Admission to Candidacy

Admission to candidacy is based upon successful completion or minimum residence requirements (a normal load for two consecutive semesters), research tool proficiencies, written preliminary examinations in five substantive areas within the major field, and a general oral examination in the major and minor fields.

Preferred Effective Term: Summer I 2005

UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Mathematics and Computer Science

MATH 391 Teaching of High School Mathematics--2 hours. The materials, devices, and methods of teaching mathematics in high schools. Prerequisites: 18 hours on the mathematics teaching major or minor. (This course is taken during the professional semester for eight weeks.)

Change description to:

UNDERGRADUATE APPROVALS: Course Revision – Math 391 - continued.

MATH 391 Teaching of High School Mathematics--2 hours. The materials, devices, and methods of teaching mathematics in high schools. This course is taken concurrently with Curriculum, Instruction, and Media Technology 400 and 400L. Prerequisites: 18 hours on the mathematics teaching major or minor.

Preferred Effective Term: Spring 2005

PROGRAM REVISIONS

COLLEGE OF HEALTH AND HUMAN PERFORMANCE HEALTH, SAFETY, AND ENVIRONMENTAL HEALTH SCIENCES COMMUNITY HEALTH MINOR

Summary and Rationale:

Identification of classes for minor: Health, Safety, and Environmental Health Sciences 210, 212, 340, 341,

360, 393, 401, 402, 403, 406, 424, 428

The identification of the minor classes would inform students which classes would count towards the minor in Community Health. Identifying the classes will help direct students.

Current Catalog Copy:

Community Health Minor (18 semester hours)

Required Health, Safety, and Environmental Health Sciences Courses: 111 – 3; hours, 221 – 3 hours; 392 – 3 hours.

Directed electives: nine hours selected in consultation with minor advisor in the Department of Health, Safety, and Environmental Health Sciences.

New Catalog Copy:

Community Health Minor (18 semester hours)

Required Health, Safety, and Environmental Health Sciences Courses: 111 – 3; hours, 221 – 3 hours; 392 – 3 hours.

Directed electives: nine hours selected from the following classes HLTH 210, 212, 340, 341, 360, 393, 401, 402, 403, 406, 424, and 428, in consultation with minor advisor in the Department of Health, Safety, and Environmental Health Sciences.

Preferred Effective Term: Fall 2005

UNDERGRADUATE APPROVALS: continued.

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

PHYSICAL EDUCATION

CHANGE SPORTS STUDIES MAJOR TO EXERCISE SCIENCE MAJOR

ELIMINATE MAJOR CODES A530, A547, AND ANY OTHER MAJOR CODES

ASSOCIATED WITH SPORTS STUDIES

Executive Summary:

The proposed curriculum is a revision of the current Sports Studies undergraduate program. The current Sports Studies curriculum has not undergone a thorough revision for several years. The primary changes of the proposed curriculum include a more defined and sequential set of coursework, new courses that represent current trends and practices in the field, and a name change that more accurately reflects the role of our graduates in the professional field.

Rationale:

During the 2002-03 academic year a faculty committee worked extensively to revise the Sports Studies undergraduate program. They developed a curriculum that attempted to meet the academic guidelines established by two of the premier professional organizations in the area of exercise science (the American College of Sports Medicine-ACSM, and the National Conditioning Association-NSCA). During the summer of 2003 the Department of Physical Education with the assistance of the Office of the Provost invited two external reviewers to campus to assist in the development of the new curriculum. Each reviewer held professional credentials with either ACSM or NSCA. During the 2003-04 academic year the Department of Physical Education incorporated the feedback provided by the external reviewers. The primary changes to the program include the following:

- New courses that reflect current trends and best practices.
- New courses that meet the guidelines recommended by ACSM and NSCA. Integration of the proposed curriculum will allow the Department of Physical Education to apply for curricular recognition and approval by these two professional organizations.
- Coursework that incorporates greater experiential learning opportunities.
- A more defined and sequential set of coursework to better meet the developmental needs of our students and to better assist them with academic advisement.
- A name change from Sports Studies to Exercise Science to better reflect the nature of the program and the professional field.

Current Catalog Copy:

Physical Education Sports Studies Major (52-55 semester hours)

The Physical Education Sports Studies Major provides a cross discipline choice of courses to meet student career interests. This curriculum is designed specifically for students interested in careers such as fitness specialists, exercise physiologists, fitness center managers, and geriatric fitness specialists.

Students must have at least sophomore standing, at least 12 hours completed at ISU, and a minimum 2.5 GPA in the major before applying for the program. After admission to the program, *UNDERGRADUATE APPROVALS: Program Revisions – Exercise Science Major - continued.*

each student's curriculum must be approved by designated individuals.

To graduate with a major in sports studies, students must have a minimum GPA in the major of 2.5 and no grade less than a C in all courses required in the sports studies curriculum.

Required courses (26-29 semester hours): 201--3 hr.; 380--4 hrs.; 390--1 hr.; 480--4 hrs.; 490--3-6 hrs.; five hours of physical education activity classes; Athletic Training 210—2 hrs. and Physical Education 220—2 hrs.; or Life Sciences 231--3 hrs.; 241--3 hrs.

Directed Electives in Physical Education (14 semester hours): At least 10 hours must be in upper division level courses. Course selections must be approved by the student's academic advisor or Department Chair.

Support Courses (12 semester hours): Support courses are to be chosen from departments other than physical education and are to provide depth and/or breadth to the major. Course selections must be approved by the student's academic advisor or Department Chair.

New Catalog Copy:

Physical Education Exercise Science Major (60 semester hours)

The Physical Education Exercise Science Major provides a cross discipline choice of courses to meet student career interests. This curriculum is designed specifically for students interested in a variety of careers in the fitness, health and wellness fields. To graduate with a major in Exercise Science the student must earn a grade of no less than C in all required courses.

Core Courses (46 semester hours): Physical Education 201--3 hrs.; Athletic Training 210--2 hrs. and 210L--1 hrs.; Physical Education 220--2 hrs. and 220L--1 hrs.; 225--1 hr.; 380--4 hrs.; 381--4 hrs.; 385--3 hrs.; 390--1 hr.; 392--2 hrs.; 445--3 hrs.; 466--3 hrs.; 483--3 hrs.; 488--4 hrs.; 489--3 hrs.; 490--6 hrs.

Support Courses (9 semester hours): Health, Safety, and Environmental Health Sciences 340--3hrs.; FCS 201--3 hrs. or FCS 429--3 hrs.; Health, Safety, and Environmental Health Sciences 211--2 hrs. and 211L--1 hrs.

Activities (5 semester hours): Physical Education 180--1 hr.; 218--2 hrs.; 219--2 hrs.

Preferred Effective Term: Fall 2005

UNDERGRADUATE APPROVALS: continued.

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

PHYSICAL EDUCATION

**CHANGE SPORTS STUDIES MINOR TO STRENGTH AND CONDITIONING MINOR
ELIMINATE MAJOR CODES A530, A547, AND ANY OTHER MAJOR CODES
ASSOCIATED WITH SPORTS STUDIES**

Executive Summary:

The proposed curriculum is a revision of the current Sports Studies minor. The current Sports Studies minor does not sufficiently prepare students to meet the requirements in the field. The proposed changes to the curriculum are designed to prepare students to meet the requirements to become a strength and conditioning professional and/or expand their career opportunities in their respective field.

Rationale:

The review and revision of the Sports Studies undergraduate program identified a deficient Sports Studies minor. Simply modifying the minor to correspond with the changes made to the Sports Studies major was not sufficient to meet the needs of the professional field. In lieu of eliminating the Sports Studies minor altogether it was revised to meet the requirements of the National Strength and Conditioning Association (NSCA). This change will prepare students to sit for one or both of the NCSA's certifications (Certified Strength and Conditioning Specialist, and Certified Personal Trainer). The name has been changed to Strength and Conditioning minor to reflect the changes to the curriculum.

Current Catalog Copy:

Sports Studies Minor (27-30 hours)

The curriculum is designed specifically for students interested in careers such as martial arts, fitness instructor, and dance exercise instructor. A grade of C or better is required for all sports studies minor classes. In addition, each student must have an advisor in the Department of Physical Education.

Required Courses (12-15 semester hours): 301--2 hrs.; 390--1 hr.; 404--3 hrs.; 490--3-6 hrs.; three hours of physical activity courses.

Directed Electives (9 semester hours): At least 6 hours must be in upper division level courses.

The courses in this section will be related to areas such as leadership, management and/or operations, or legal issues. Course selections must be approved by the student's academic advisor or Department Chair.

Support Courses (6 semester hours): Support courses are to be chosen from departments other than physical education and are to provide depth and/or breadth to the minor. Course selections must be approved by the student's academic advisor or Department Chair.

The courses in this section will be related to areas such as basic computer applications, business practices, or communications and/or public relations.

UNDERGRADUATE APPROVALS: Program Revisions – Strength and Conditioning Minor - continued.

Proposed Catalog Copy:

Strength and Conditioning Minor (30 hours)

The curriculum is designed specifically for students interested in a career as a strength and conditioning professional. A grade of C or better is required for all strength and conditioning minor classes. In addition, each student must have an advisor in the Department of Physical Education.

Required Courses (30 semester hours): 104--1 hr.; 162--1 hr.; 218--2 hrs.; 219--2 hrs.; 220--3 hrs.; 380--4 hrs.; 381--4 hrs.; 385--3 hrs.; 483--3 hrs.; 390--1 hr.; 490--3 hrs.; Athletic Training 210--2 hrs.; 210L--1 hr.

Preferred Effective Term: Fall 2005

**COLLEGE OF HEALTH AND HUMAN PERFORMANCE
PHYSICAL EDUCATION
DANCE MINOR**

Executive Summary:

The proposed curriculum is a revision of the current undergraduate Dance Minor. The program has not undergone revision for many years and in order to best serve our students, primary changes include the elimination of courses with repetitive information. This will make the program more marketable while still providing them with a diverse experience in dance.

Rationale:

It is the goal of the Dance Minor Program to provide students with basic knowledge concerning dance technique, terminology, and production, along with information related to allied art forms. With this in mind, it is necessary to consider those classes which overlap information and condense them appropriately. This will benefit students in the following ways:

1. The program becomes more marketable to students in that it is a short but efficient course of study.
2. It provides course work more like other successful Dance Minor Programs in the state.
3. Through directed activity and elective courses, students have flexibility within their studies.
 - ATTR 210 – deletion of, applicable anatomy is covered in PE 353 Theory and Methods
 - PE 373 – deletion of, dance history is covered in each activity class as it pertains to that type of dance

UNDERGRADUATE APPROVALS: Program Revisions – Dance Minor - continued.

Current Catalog Copy:

Dance Minor (24-27 semester hours)

This curriculum is designed for students who are interested in studying dance with a concentration in other oriented or traditional forms of dance. This program will further orient the student with dance methodology.

Required Theory (13 semester hours): 210--2 hrs.; 353--3 hrs.; 363--1 hr.; 373--3 hrs.; 396--1 hr.; 474--3 hrs.

Skill Proficiencies (6-9 semester hours to be selected from the following.): 121--1 hr.; 124 or 170--1 hr.;

125 or 169--1 hr.; 126 or 160--1 hr.; 127 or 173--1 hr.; 186--1 hr. (Required at intermediate skill level; other dance activities could be recommended as electives.)

Directed Electives (5 semester hours required with advisor's approval): Will include courses to broaden the student's knowledge of dance in a specific area of interest. May be taken in the Departments of Physical Education, Music, Theater, Art, or others as appropriate.

Proposed Catalog Copy:

Dance Minor (20 semester hours)

Required Theory (8 semester hours): 353--3 hrs.; 363--1 hr. ; 396--1 hr. ; 474--3 hrs.

Skill Proficiencies (7 semester hours to be selected from the following): 121--1 hr.; 124--1 hr. or 170--1 hr.; 125--1 hr. or 169--1 hr.; 126--1 hr. or 160--1 hr.; 127--1 hr. or 173--1 hr. (required at intermediate skill level; other dance activities could be recommended as electives)

Directed Electives (5 semester hours required with Dance minor advisor's approval): will include courses to broaden student's knowledge of the arts in specific areas of interest Accepted courses are as follows: Art 151--3 hrs.; Music 169B--1 hr.; Music 109--1 hr.; Music 233--3 hrs.; Theater 150--3 hrs.; Theater 174--3 hrs.

Preferred Effective Term: Fall 2005

GRADUATE APPROVALS

NEW COURSE

COLLEGE OF NURSING

NURS 652 Financial Management for Healthcare Managers--3 hours. This course focuses on the economic and financial aspects of healthcare management with an emphasis on the management of patient care delivery. The budgetary process will be analyzed and its relationship to the larger health care system financial and economic environments will be explored. Three classroom hours per week.

**Preferred Effective Term: Fall 2005*

GRADUATE APPROVALS: Program Revisions – Exercise Science Major - continued.

COURSE REVISIONS

NURS 651 Theories of Nursing Administration--2 hours. This course is designed to be an overview of theories of administration as they relate to the functions and responsibilities of a variety of nursing leadership roles. The student will analyze administrative theories and models for their application to nursing and health care administration. Prerequisite: 605 or consent of instructor. Prerequisites or concurrent enrollment in 620 or 621 or 624 or consent of instructor.

Change description to:

NURS 651 Theories of Health Care Administration--3 hours. This course is designed to be an overview of theories of administration as they relate to the functions and responsibilities of a variety of nursing leadership roles. The student will analyze administrative theories and models for their application to health care administration.

Preferred Effective Term: Fall 2005

NURS 671 Administrative Practices in Nursing Administration--4 hours. This course is designed to be an overview of nursing and health services administrative practices as they relate to the functions and responsibilities of nursing leadership positions in a variety of health care settings. Students will apply problem solving strategies to cope with current issues in complex health care settings under the direction of a nursing leader or other appropriate preceptor. Two classroom hours and an average of six clinical hours per week. Prerequisite: 651.

Change description to:

NURS 671 Administrative Practices in Healthcare Administration--2-5 hours. This course is designed to be an overview of nursing and health services administrative practices as they relate to the functions and responsibilities of leadership positions in a variety of health care settings. Students will apply problem solving strategies to cope with current issues in complex health care settings under the direction of a nursing leader or other appropriate preceptor. One classroom hour per week and 1-4 clinical hours per week (30-180 contact hours). Prerequisite: 651.

Preferred Effective Term: Fall 2005

PROGRAM REVISIONS

COLLEGE OF NURSING: Master in Nursing Nursing Administration

Executive Summary:

Enclosed is a proposal for a new track in our existing Master of Science Nursing Program. We currently have an administration role concentration in our Master's program and guest students as well as our own have enrolled in these courses. Students who take a role concentration in Nursing Administration need to have a clinical major. However, students often would rather have a major in nursing administration because they are in administration roles that do not involve direct patient care.

The intent is to offer this major online and in the classroom. Two of the three courses are already

GRADUATE APPROVALS: Program Revisions – Nursing Administration - continued.

offered online in their present format. In addition we have changed names of the present courses and in their new versions offered the courses for variable credit so that those who are not majoring in nursing administration and do not need the practicum hours can still take these courses. Further, some nursing students may have work experiences such that they may not need as many practicum hours as some other students. In addition in conversations with our colleagues in the College of Business, there was some interest in having some of their MBA students enrolling in these courses as well. Further the courses deal with healthcare system wide issues as nurse administrators often are responsible for departments other than

nursing.

Rationale:

In the early 90's nursing administration programs fell out of favor as students who were interested in nursing and healthcare systems administration enrolled in either MBA or MHA programs. Some universities offered joint MS-MBA programs, but enrollment in these joint programs often was not feasible for students because of the number of hours required. In fact, we attempted such a program on this campus, but no students ever graduated from this program. In more recent years, enrollment has been increasing in MS in Nursing Administration programs (Frank, Aroian & Tashea, 2003). In 1997, The American Association of Colleges of Nursing and the American Organization of Nurse Executives issues guidelines for nursing administration Master's programs. That document calls for nurse administrators to be prepared at the master's level in curricula that contain the core graduate nursing courses and nursing administration specialty courses. The Council for Graduate Education for Administration in Nursing has also issued similar guidelines.

A recent study by Scoble and Russell (2003, revealed that the majority of participants recommended the Master's degree in nursing with a focus on nursing administration combined with knowledge from business and other fields as ideal preparation for mid-level nursing managers/administrators. In all areas of the country for master's prepared nursing administrators exceeds the supply thus we feel that our program has potential to attract students nationally, especially because our plan is to offer this specialization online.

Our curriculum reflects the recommendations contained in the American Association of Colleges of Nursing statement as well as other published documents (see reference list).

CATALOG COPY

CURRENT CATALOG COPY	PROPOSED CATALOG COPY
There is no current copy for this major	Nursing Administration: <i>Research</i> (3 semester hours): 633-3 hrs. <i>Core Course Work</i> (9 semester hours): 601-3 hrs., 605-3 hrs., and a 3 hour approved statistics course. <i>Classroom Course Work and Practica</i> (12-14 hours), 500X-3 hrs., N651-3 hrs., N652-3 hrs., N671 2-5 hrs <i>Electives</i> (6 hours): Guided electives <i>Culminating Experience:</i> Master's thesis-Nursing 699-6 hrs or Culminating project- Nursing 698-3 hrs.

Preferred Effective Term: Fall 2005