



Academic Notes

APRIL 1, 2002

AN 2001-2002

SPECIAL NOTICES

RETIREMENT TEA

The 2001-2002 Retirement Tea will be held in the Hulman Memorial Student Union (HMSU) Dede II and III on Wednesday, April 17, 2002, at 2:00 p.m. This annual event recognizes faculty and administration for services rendered to the University during their employment. Persons wishing to celebrate with the retirees are welcome to attend.

The following retirees will be honored:

ADMINISTRATIVE AFFAIRS

Robert Murray

ACADEMIC AFFAIRS

Beverly Ashley

COLLEGE OF ARTS & SCIENCES

Torsten Alvager

Judith Byrne

Thomas Cadwallader

William Dando

Whitney Engeran

James Hatch

Elaine Kleiner

John Oliver

Fred Rusch

Gurmeet Sekhon

SCHOOL OF EDUCATION

Dale Findley

Daniel Horton

Gail Huffman-Joley

Carol Turner

SCHOOL OF TECHNOLOGY

Norval Wayne Castner

Mak Koie

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SPRING 2002

Below is the circulation schedule for the hard copy of *Academic Notes* through May 6, 2001. 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/> –.**

Deadline for Items

Issue Date

April 3
April 10*
April 17
April 24*
May 1

April 8
April 15*
April 22
April 29*
May 6

** Please call Tiffany Trass at extension 3662 with any questions pertaining to the submission of information on a diskette or through e-mail.*

FACULTY GOVERNMENT

FACULTY SENATE EXECUTIVE COMMITTEE REPORT FOR MARCH 26, 2002

The Executive Committee met at 3:15 in Hulman Memorial Student Union (HMSU) 227.

Provost Pontius was absent because of illness.

CHAIR CERNY:

1) expressed appreciation that President Benjamin and Provost Pontius had continued a long-standing ISU tradition by honoring Faculty Senators at a dinner 3/20. He noted that the evening had been both enjoyable and appropriate.

2) distributed copies of three CHRONICLE articles for members' consideration

3) reminded members of the ICHE Annual Meeting of Faculty Leaders in Indianapolis 4/4.

OPEN DISCUSSION

Kristin Garing (SGA) read a student letter questioning the desirability of proposed alterations in Drop/Add/Registration timelines and procedures. Considerable discussion followed. Garing will attend the next Senate meeting (3/28) with suggestions for changes.

S. Lamb noted that ISU is losing good faculty to other institutions because of heavy teaching loads, limited time for research, and fewer sabbaticals. One departing individual has observed that ISU is moving toward a "community college environment." Several members noted that ISU is unable to attract a pool of good candidates.

Cerny reported complaints concerning denial of sabbatical leaves, even though research proposals were solid, because faculty members are close to retirement.

OLD BUSINESS

Cerny distributed a revised draft of the proposed Faculty Workload Policy. Discussion addressed the need for careful procedures, the necessity for collaborative faculty and administrative support before implementation, effects on 12-month faculty, and an awareness that the Policy will affect all levels of the University in a profound way. Further discussion with the Provost is necessary.

NEW BUSINESS

The Committee approved seating alternates on FAC and the Senate.

The Committee went into executive session. The Committee came out of executive session and voted to send a grievance to FAC. One member absented himself from the discussion and vote.

The Committee will schedule a special meeting with the Provost to discuss the Faculty Workload Policy.

FACULTY SENATE EXECUTIVE COMMITTEE

The Faculty Senate Executive Committee will meet at 3:15 p.m. on Tuesday, April 9, 2002, in Hulman Memorial Student Union (HMSU), Room 227.

FACULTY SENATE STANDING COMMITTEES

CURRICULUM AND ACADEMIC AFFAIRS COMMITTEE

The Curriculum and Academic Affairs Committee will meet at 2:00 p.m. on Thursday, April 4, 2002, in Family & Consumer Sciences, Room 110.

FACULTY ECONOMIC BENEFITS COMMITTEE

The Faculty Economic Benefits Committee (FEBC) will meet from 3:15 p.m. until 5:00 p.m. on Thursday, April 4, 2002, in the School of Education, Room 1214.

THESES, DISSERTATIONS, & RESEARCH PROJECTS

COLLEGE OF ARTS & SCIENCES

COMMUNICATION

Mr. James Baumann will defend his thesis, entitled *Communication Apprehension and Communication Technology: A Quantitative Study*, at 2:30 p.m. on Wednesday, April 3, 2002 in Erickson Hall, room 310. The members of his committee are Dr. David W. Worley, Chair, Dr. James W. Cheseboro, and Dr. Debra Worley.

HISTORY

Ms. Kathleen Isaacson will defend her thesis, entitled *Galileo Galilei's Battle with the Geocentric Universe: An Attack on a Cultural Symbol*, at 3:00 p.m. on Wednesday, April 10, 2002 in Stalker Hall, room 205. The members of his committee are Dr. Kvetta Benes, Chair, Dr. Gale E. Christianson, and Dr. Robert Clouse.

HUMANITIES

Ms. Tara Tuttle will defend her thesis, entitled *Evangelical Protestantism and the Development of Country Music*, at 3:30 p.m. on Thursday, April 25, 2002 in Root Hall, room A-237. The members of her committee are Dr. Jennifer Drake, Chair, Dr. Tom Derrick, and Dr. Don Jennermann.

LIFE SCIENCES

Mr. Saurabh Chandra will defend his dissertation, entitled *Molecular and Functional Characterization of a Novel Mutation in Murine Stem Cell Factor*, at 3:30 p.m. on Thursday, April 4, 2002 in the Science Building, room 12. The members of his committee are Dr. David Prentice, Chair, Dr. Jing Chen, Dr. James Hughes, Dr. Reuben Kapur, and Dr. David Williams.

Mr. Joseph Duchamp will defend his thesis, entitled *Habitat Use and Partitioning Between the Evening Bat, *Nycticeius Humeralis*, and the Big Brown Bat, *Eptesicus Fuscus*, in Indiana*, at 2:00 p.m. on Monday, April 8, 2002 in the Science Building, room 361. The members of his committee are Dr. John Whitaker, Jr., Chair, Dr. Peter S. Scott, and Dr. Marion T. Jackson.

Ms. Angie Fulford will defend her thesis, entitled *Chemosensory Behavior in Redbacked Salamanders (*Plethodon Cinereus*)*, at 1:00 p.m. on Friday, April 5, 2002 in the Science Building, room 205. The members of her committee are Dr. Diana K. Hews, Chair, Dr. Mike Angilletta, and Dr. Elaina Tuttle.

Mr. Andrew Krause will defend his dissertation, entitled *Effects of Focal Temperature Change on the Characteristics of the Hoffmann Reflex and Muscle Response*, at 5:00 p.m. on Tuesday, April 9, 2002 in the Arena, room C-08. The members of his committee are Dr. Christopher Innersole, Chair, Dr. Jeff Edwards, Dr. Peter Duong, Dr. Jim Hughes, and Dr. Thomas Clotty.

SCHOOL OF EDUCATION

CURRICULUM, INSTRUCTION, & MEDIA TECHNOLOGY

Ms. Anna Cates will defend her dissertation, entitled *More Than Just Imaginative: A Qualitative Study of Values in Literature For Young Children From the 20th Century*, from 1:00 p.m. until 3:30 p.m. on Tuesday, April 2, 2002 in the School of Education, room 1014. The members of her committee are Dr. David Gilman, Chair, Dr. Noble Corey, and Dr. Thomas Sauer.

UNDERGRADUATE CURRICULUM PROPOSALS

COURSE REVISIONS

SCHOOL OF NURSING

NURS 106 Mental Health Aspects of Nursing Practice--2 hours. An introduction to the communicator role of the professional nurse is presented. Basic interpersonal and mental health concepts as they relate to this role are the focus. The nurse's responsibility for attending to the mental health needs of clients and self is emphasized. Skills are demonstrated and practiced. Two classroom hours per week. Prerequisites: 104; English 105 or 107; Psychology 101; Quantitative Literacy Requirement; Chemistry 100 and 100L or 104 and 104L; prerequisite or concurrent enrollment in: Communications 101; Psychology 266, Educational Psychology 221, or Family and Consumer Sciences 103; Information Technology Requirement; Life Sciences 231 and 231L; Sociology 120.

Change prerequisites to:

NURS 106 Mental Health Aspects of Nursing Practice--2 hours. An introduction to the communicator role of the professional nurse is presented. Basic interpersonal and mental health concepts as they relate to this role are the focus. The nurse's responsibility for attending to the mental health needs of clients and self is emphasized. Skills are demonstrated and practiced. Two classroom hours per week. Prerequisites: 104; English 105 or 107; Psychology 101; Quantitative Literacy Requirement; Chemistry 100 and 100L or 104 and 104L; prerequisite or concurrent enrollment in: Communications 101; Psychology 266, Educational Psychology 221, or Family and Consumer Sciences 103; Information Technology Requirement; Life Sciences 231 and 231L; Sociology 100.

UNDERGRADUATE PROGRAM REVISIONS

SCHOOL OF NURSING

B.S. Baccalaureate and Higher Degree Nursing Program

Executive Summary and Rationale:

The change of Soc 120 Principles of Sociology—3 credits to Soc 280 Principles of Sociology—4

credits noted in course revisions in the December 10, 2001 Academic Notes and was approved as a course revision in the January 14, 2002 Academic Notes p. 62. Soc. 120 will not be offered after spring 2002. Soc 100 Foundations of Social Life—3 credits is a transferable general education course that can substitute for Soc 120. Paperwork to have Sociology 100 substitute for Sociology 120 as a School of Nursing cognate requirement for the first year second semester; as a prerequisite for N200 Nursing Assessment of the Adult and N204 Fundamentals of Nursing; in guaranteed admission to the baccalaureate nursing major 8; grade of C or above in the following cognate courses; General Admissions 4. A grade of C or above in the following courses; in list of second semester courses; in Progression and Retention Policies 3 First Year; and as a prerequisite or concurrent course for 106 Mental Health Aspects of Nursing Practice has been initiated.

CURRENT CATALOG COPY

Admission Criteria for the Baccalaureate Nursing Major

Guaranteed Admission

Students who meet the following criteria will be guaranteed admission into the second year, first semester, nursing course(s) (Nursing 200, 204, and/or 206):

1. Admission to the University.
2. High school grade point average of 3.0 on a 4.0 scale.
3. SAT total of 1000 or ACT composite of 22.
4. Two years of high school mathematics (at least one year of algebra).
5. One year of high school chemistry.
6. Minimum cumulative grade point average of 2.25 on a 4.00 scale in the course prerequisites for Nursing 200, 204, and/or 206.
7. Grade of B or above in Nursing 104.
8. Grade of C or above in the following cognate courses: English 105 or 107; Psychology 101; Life Sciences 231 and 231L; Mathematics requirement; Psychology 266, Educational Psychology 221, or Family and Consumer Sciences 103; Sociology 120; Communication 101; and Chemistry 100 and 100L or Chemistry 104 and 104L.

If a grade of C or above is not earned the first time the course is taken, a grade of C or above must be earned the second time the course is taken.

General Admission

Students will be considered for admission into the second year, first semester nursing course(s) (Nursing 200, 204, and/or 206) after meeting the following criteria:

1. Admission to the University.
2. A minimum cumulative grade point average of 2.25 on a 4.00 scale for Nursing 200, 204, and /or 206 course prerequisites.
3. A grade of B or above in Nursing 104.
4. A grade of C or above in the following cognate courses: English 105 or 107; Psychology 101; Life Sciences 231 and 231L; Mathematics requirement; Psychology 266, Educational Psychology 221, or Family and Consumer Sciences 103; Sociology 120; Communication 101; and Chemistry 100 and 100L or Chemistry 104 and 104L

If a grade of C or above is not earned the first time the course is taken, a grade of C or above must be earned the second time the course is taken.

Students meeting the above criteria will not have to wait more than one semester before enrolling in a first semester, second year nursing course(s) (Nursing 200, 204, and /or 206).

The School of Nursing welcomes applicants who have been graduated from a state approved practical nursing program and who wish to continue their nursing education.

Transfer Admission

A student transferring to the Indiana State University School of Nursing has the same consideration for admission to the baccalaureate nursing major as any matriculating Indiana State University nursing student. Students will be considered for admission as a transfer student when the following minimum requirements are met:

1. Have earned at least 24 credit hours with a minimum cumulative grade point average of 2.25 on a 4.00 scale at Indiana State University or another accredited college or university.
2. Have completed the following prerequisite courses with a C or above: English 105 or 107; Psychology 101; Chemistry 100 and 100L or Chemistry 104 and 104L; Life Sciences 231 and 231L; Mathematics requirement; and Communication 101; or their equivalents.
3. Have earned a grade of C or above for all cognate courses taken at a previous institution. A grade of C or above must have been earned the second time, if a course was repeated.

To receive transfer credit for equivalent nursing course(s) taken at another institution, a grade of B or above must have been earned.

A transfer student who is admitted to the baccalaureate nursing major with a grade less than B in one nursing course taken at another institution will be dismissed from the baccalaureate nursing major if a grade less than B is earned in any subsequent nursing course at Indiana State University.

A transfer applicant who has earned a grade less than B in two or more nursing courses at another institution will not be admitted to the baccalaureate nursing major at Indiana State University.

Advanced Standing

Credits earned at another college or university will be evaluated on an individual basis in accordance with University and School policies. Opportunities are also available for students to earn credit by examination. More detailed information is available from the Office of Student Affairs, School of Nursing.

Course Requirements for Baccalaureate Degree

First Year

First Semester Courses Credit

Nursing 104#--2 hrs.; English 101 or 107*# --3 hrs.;
Psychology 101*#--3 hrs.; Quantitative Literacy Requirement*#--3 hrs.;
Chemistry 100*#--3 hrs. and Chemistry 100L*#--1 hr., or Chemistry 104*#--3 hrs.
and Chemistry 104L*#--1 hr.; Information Technology Requirement#--3 hrs. 15-18

Second Semester Courses

Nursing 106#--2 hrs. English 105*#--3 hrs.; Psychology 266*#--3 hrs.,
Educational Psychology 221*#--3 hrs.,
or Family and Consumer Sciences 103*#--3 hrs.;
Life Sciences 231*#--2 hrs.; Life Sciences 231L*#--1 hr.;
Sociology 120*#--3 hrs.; Communication 101*#--3 hours.; Nursing 106#--2 hrs. 14-17

Second Year

First Semester Courses

Nursing 200--3 hrs.; Nursing 204--5 hrs.;
Life Sciences 241*--2 hrs.; Life Sciences 241L*--1 hr.;
Life Sciences 274*--2 hrs.; Life Sciences 274L*--1 hr.;
Foreign Language requirement--3 hrs. 14-17

Second Semester Courses

Nursing 224--5 hrs.; Nursing 226--3 hrs.; Nursing 228--3 hrs.;
Literary, Artistic, and Philosophical Studies--3 hrs.; Foreign Language
Requirement--3 hrs. 14-17

Third Year

First Semester Courses

Nursing 318--3 hrs.; Nursing 328--4 hrs.; Nursing 330--4 hrs.;
Educational Psychology 302*--3 hrs. or Health and Safety 340*--3 hrs.;
Life Sciences 412*--3 hrs. 17

Second Semester Courses

Nursing 322--3 hrs.; Nursing 324--5 hrs.;
English 305*--3 hrs.; Physical Education 101--2 hrs. 13-16

Fourth Year

First Semester Courses

Nursing 424--5 hrs.; Nursing 450--6 hrs.; Literary, Artistic, and
Philosophical Studies--3 hrs.; Multicultural Studies (U.S. Diversity)--3 hrs.

17

Second Semester Courses

Nursing 470--3 hrs.; Nursing 484--3 hrs.; Nursing 486+--3 hrs.;
Historical Studies--3 hrs.; Multicultural Diversity (International Cultures)--3 hrs.

15-18

*Cognate Course

#Prerequisite to Nursing 200, 204

+Proposed Capstone Course

At least 50 semester hours must be at the 300 to 400-course level

Total Nursing Credits 62 Credits

Academic Notes
2002

Total Non-nursing Credits	<u>62-69 Credits</u>
Total Credit Hours	124-131 Credits

Progression and Retention Policies

1. Students must maintain a 2.00 cumulative grade point average throughout their enrollment in the Baccalaureate Degree Nursing Program in the School of Nursing.
2. Students must achieve a minimum grade of B, as well as a satisfactory grade for the clinical component, in each nursing course. A failed nursing course must be repeated and passed before the student enrolls in any other clinical nursing course.
3. Students must achieve a minimum of C in the following cognate General Education courses:

First Year: English 105 or 107; Psychology 101; Mathematics requirement; Chemistry 100 and 100L or Chemistry 104 and 104L; Life Sciences 231 and 231L; Educational Psychology 221, or Psychology 266, or Family and Consumer Sciences 103; Sociology 120; and Communication 101.

Second Year: Life Sciences 241 and 241L; Life Sciences 274 and 274L.

Third Year: Educational Psychology 302 or Health and Safety 340; Life Science 412; English 305

Only two cognate courses may be repeated one time each in order to achieve a minimum grade of C. Each cognate science course and its laboratory count as one course.

4. Students must successfully complete all nursing and cognate courses for each year before progressing to the next year of the curriculum.
5. Enrollment in clinical nursing courses will be determined by the following priorities:
 - a. Continuing students—students who enroll in at least one clinical nursing course each semester.
 - b. Advanced placement students—students who have earned advanced placement in the sequence of nursing courses and who will be enrolling in their first clinical nursing course.
 - c. Non-continuing students—students in good standing who have dropped out of the sequence of clinical nursing courses for at least one semester.
 - d. Non-progressing students—student who must repeat a clinical nursing course.
6. To assist the student in succeeding academically, the student who has failed one nursing course will:

- a. Submit a letter to the Office of Student Affairs, School of Nursing. The letter must include the student's explanation for the failure and specific recommendations and a plan to achieve academic success.
- b. Meet with the School's Director of Student Affairs to discuss the identified plan. Failure to meet with the Director will prohibit the student's enrollment in the failed nursing course. The student, the student's advisor, and the course facilitator of the failed nursing course will receive a copy of the recommendations from the School's Director of Student Affairs.
- c. Take responsibility to implement the identified plan and recommendations for academic improvement.

PROPOSED CATALOG COPY

Admission Criteria for the Baccalaureate Nursing Major

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4. Two years of high school mathematics (at least one year of algebra).
5. One year of high school chemistry.
6. Minimum cumulative grade point average of 2.25 on a 4.00 scale in the course prerequisites for Nursing 200, and/or 204.
7. Grade of B or above in Nursing 104.
8. Grade of C or above in the following cognate courses: English 105 or 107; Psychology 101; Life Sciences 231 and 231L; Mathematics requirement; Psychology 266, Educational Psychology 221, or Family and Consumer Sciences 103, **Sociology 100**, Communication 101; and chemistry 100 and 100L or Chemistry 104-104L

General Admission

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1. Admission to the University.
2. A minimum cumulative grade point average of 2.25 on a 4.00 scale for Nursing 200, and/or 204 course prerequisites.
3. A grade of B or above in Nursing 104.
4. A grade of C or above in the following cognate courses: English 105 or 107; Psychology 101; Life Sciences 231 and 231L; Mathematics requirement; Psychology 266, Educational Psychology 221, or Family and Consumer Sciences 103; **Sociology 100**; Communication 101; and Chemistry 100 and 100L or Chemistry 104 and 104L

If a grade of C or above is not earned the first time the course is taken, a grade of C or above must be earned the second time the course is taken.

Students meeting the above criteria will not have to wait more than one semester before enrolling in a first semester, second year nursing course(s) (Nursing 200, 204, and /or 206).

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3. Have earned a grade of C or above for all cognate courses taken at a previous institution. A grade of C or above must have been earned the second time, if a course was repeated.

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First Semester Courses Credit

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Psychology 101*#--3 hrs.; Quantitative Literacy Requirement*#--3 hrs.;
Chemistry 100*#--3 hrs. and Chemistry 100L*#--1 hr., or Chemistry 104*#--3 hrs.
and Chemistry 104L*#--1 hr.; Information Technology Requirement#--3 hrs. 15-18

Second Semester Courses

Nursing 106#--2 hrs. English 105*#--3 hrs.; Psychology 266*#--3 hrs.,
Educational Psychology 221*#--3 hrs.,
or Family and Consumer Sciences 103*#--3 hrs.;
Life Sciences 231*#--2 hrs.; Life Sciences 231L*#--1 hr.;
Sociology 100*#--3 hrs.; Communication 101*#--3 hours.; 14-17

Second Year

First Semester Courses

Nursing 200--3 hrs.; Nursing 204--5 hrs.;
Life Sciences 241*--2 hrs.; Life Sciences 241L*--1 hr.;
Life Sciences 274*--2 hrs.; Life Sciences 274L*--1 hr.;
Foreign Language requirement--3 hrs. 14-17

Second Semester Courses

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Requirement--3 hrs. 14-17

Third Year

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Life Sciences 412*--3 hrs. 17

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Second Semester Courses

Nursing 470--3 hrs.; Nursing 484--3 hrs.; Nursing 486+--3 hrs.;
Historical Studies--3 hrs.; Multicultural Diversity (International Cultures)--3 hrs.
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*Cognate Course

#Prerequisite to Nursing 200, 204

+Proposed Capstone Course

At least 50 semester hours must be at the 300 to 400-course level

Total Nursing Credits 62 Credits
Total Non-nursing Credits 62-69 Credits

Academic Notes 14
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April 1,

Progression and Retention Policies

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3. Students must achieve a minimum of C in the following cognate General Education courses:

First Year: English 105 or 107; Psychology 101; Mathematics requirement; Chemistry 100 and 100L or Chemistry 104 and 104L; Life Sciences 231 and 231L; Educational Psychology 221, or Psychology 266, or Family and Consumer Sciences 103; **Sociology 100**; and Communication 101.

Second Year: Life Sciences 241 and 241L; Life Sciences 274 and 274L.

Third Year: Educational Psychology 302 or Health and Safety 340; Life Science 412; English 305

Only two cognate courses may be repeated one time each in order to achieve a minimum grade of C. Each cognate science course and its laboratory count as one course.

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- c. Take responsibility to implement the identified plan and recommendations for academic improvement.

GRADUATE CURRICULUM PROPOSALS

COURSES SCHEDULED FOR ANNUAL BANKING

COLLEGE OF ARTS & SCIENCES: African & African American Studies

- AFRI 591** **International Relations of Africa--3 hours.** An examination of the role of African states in world politics. Emphasis will be placed on north-south, east-west, and inter-African relations. (Also listed as Political Sciences 575).
- AFRI 594** **African Politics--3 hours.** An analysis of African governments and politics through the use of comparative analytical methods. Analyses will include Nigeria, Kenya, Tanzania, and South Africa. (Also listed as Political Science 588).
- AFRI 645** **Seminar on the African American Woman--3 hours.** The African American woman in the struggle for equality, dignity, and honor for African people must be placed in the center of historical achievements. This graduate seminar on the African American woman will provide an exhaustive treatment of theories relating to the role of the African American woman and her location in the Africological framework from the standpoint of agency. Topics will include the historic role of the African American woman in society, gender bias within the African American community, feminism, Africana womanism, sexism, classism, and racism and the future of the African woman in America.

COLLEGE OF ARTS & SCIENCES: Art

- ARTH 580** **Sociocultural Aspects of Art--3 hours.** The relation of art forms, styles, techniques, and systems to the sociocultural milieu. May be repeated once for credit, assuming a change in topic.

ARTH 584 Study in Art History Abroad--1-6 hours. Tours designed as an introduction to the history and appreciation of the arts of selected countries. Research paper required on a specific related topic.

ARTS 600C [no description available]

ARTS 600L [no description available]

ARTS 601C [no description available]

ARTS 601L [no description available]

ARTS 625 [no description available]

ARTS 626 [no description available]

ARTS 627 [no description available]

COLLEGE OF ARTS & SCIENCES: Communications

COMM 514D [no description available]

COMM 514I [no description available]

COMM 514K [no description available]

COMM 514N [no description available]

COMM 514W [no description available]

COLLEGE OF ARTS & SCIENCES: English

ENG 539Q [no description available]

ENG 574B [no description available]

ENG 601C [no description available]

ENG 601D [no description available]

ENG 601 E [no description available]

- ENG 601 F** [no description available]
- ENG 612** [no description available]
- ENG 649U** [no description available]
- ENG 660** **Studies in Shakespeare --3 hours.** Selected plays and the biographical, literary, and theatrical background of Shakespeare's work.
- ENG 669I** [no description available]
- ENG 792B** [no description available]
- ENG 792D** [no description available]
- ENG 792E** [no description available]

COLLEGE OF ARTS & SCIENCES: Family & Consumer Sciences

- FCS 515** **Resist Techniques in Surface Design--3 hours.** An exploration of resist techniques in surface design on textiles using chemical dye processes. Shibori techniques of fold and clamp, stitch, pole-wrapping, and binding resists, batik, and hand painting will be covered. Prerequisites: 101 or Art 102, Family and Consumer Sciences 217, or consent of instructor.
- FCS 528L** [no description available]
- FCS 539** **Organization and Administration of Preschool Centers--3 hours.** Philosophy and management of day care centers, cooperative nursery schools, and Head Start programs; home and community relationships. Prerequisite: 438-538 or Educational Psychology 342 or consent of instructor.
- FCS 544** **Changing Roles of Women-3 hours.** The changing and multiple roles of women in Western society; implications for family life, personal development, and education. Prerequisites: Educational Psychology 202, Sociology 120, or consent of instructor.
- FCS 552** **Interior Design Studio V—3 hours.** Capstone Senior project incorporating advanced problem solving techniques, technical knowledge, oral and visual communication skills in a comprehensive design solution.
- FCS 624** **Methods of Nutritional Investigation--3 hours.** Introduction to techniques of nutritional research. Includes laboratory. Prerequisite: 420 or equivalent.

- FCS 642** **Literature and Films in Family Life Education--3 hours.** Current teaching materials and their use in the teaching of family life education. Prerequisite: 336 or 438-538 or consent of instructor.
- FCS 676** **Readings in Family and Home Management--3 hours.** Intensive investigation of literature related to a particular phase of family economics or home management. Prerequisite: consent of instructor.
- FCS 678** **Research Problems in Family Economics and Home Management--3 hours.** Critical evaluation of research procedures and findings and introductory experiences in research design. Prerequisites: 471-571; 675 or 677; and Curriculum, Instruction, and Media Technology 610.
- FCS 679** **Family Economic Behavior--3 hours.** An examination of the family with particular emphasis on consumption, life styles, values, social stratification, and economic behavior.
- FCS 681** **Administrative Techniques of Coordinating Cooperative Education--2 hours.** Emphasis on the improvement of coordination techniques for cooperative vocational education. Training plans are analyzed and related to classroom instruction. Every aspect of improving and maturing a cooperative education program is considered. Prerequisite: 498-598 or equivalent. (Also listed as ASBE 681 and Industrial Technology Education 680.)
- FCS 684** **Evaluation in Total Vocational Education Programs --3 hours.** Standards, criteria, and instruction for self-study, program approval, and accreditation of total vocational education; national evaluation materials as well as state and self-study materials. Prerequisite: consent of instructor. (Also listed as ASBE 684 and Industrial Technology Education 684.)
- FCS 699C** [no description available]
- FCS 699D** [no description available]
- FCS 699E** [no description available]
- FCS 699F** [no description available]
- FCS 778** [no description available]

COLLEGE OF ARTS & SCIENCES: Geography, Geology, & Anthropology

GEOG 521 [no description available]

GEOG 525 [no description available]

GEOG 526 [no description available]

GEOG 530 [no description available]

GEOG 534 [no description available]

GEOG 538 [no description available]

GEOG 539 [no description available]

GEOG 720 [no description available]

GEOG 723 [no description available]

COLLEGE OF ARTS & SCIENCES: History

HIS 505 **Biography as History--3 hours.** A study of the role of the individual in history through analysis of biographical and autobiographical materials.

HIS 557 **Europe in the Age of Revolution, 1750-1850--3 hours.** A topical approach to the political, industrial, and cultural revolutions which wrenched European society out of its traditional mold and gave it its modern form. The world before the Revolution and the new social, political, and cultural ideals of revolutionaries and romanticists will be stressed.

HIS 565 **England to 1688--3 hours.** This course traces the origins of English political culture, social structure, and national identity from the Roman occupation through the Glorious Revolution. Among the topics treated are successive invasions to 1066, feudalism, medieval kingship, the role of women, popular revolts, religious ideology, and political reformation.

COLLEGE OF ARTS & SCIENCES: Languages, Literatures, & Linguistics

FREN 656 [no description available]

GERM 503A [no description available]

GERM 503B [no description available]

GERM 503C [no description available]

SPAN 500 **Stylistics--3 hours.** A study of essential Spanish morphology, syntax, semantics, and linguistics as reflected in some representative authors.

COLLEGE OF ARTS & SCIENCES: Mathematics & Computer Science

- CS 566** **Systems Analysis--3 hours**. An introduction to systems analysis, decision tables, problem definition and classification, data collection and analysis, systems planning. Prerequisite: 452-552.
- CS 591** **The Use of Microcomputers in the Classroom for the Secondary Computer Teacher--3 hours**. Development of computer curricula, computer-related courses, and microcomputer laboratories. Emphasizes the analysis, selection, and use of microcomputer systems and software. Prerequisite: 151 or equivalent.
- CS 657** **Theory of Data Bases--3 hours**. Several aspects of data base theory will be covered, including data dependencies and normal forms, incomplete knowledge bases, semantic and functional data models, and query languages. Prerequisite: 457-557.
- MATH 532** **Advanced Calculus--3 hours**. Functions of several real variables, transformations, differentiation, integration, inverse function theorem, implicit function theorem, and an introduction to calculus in manifolds. Prerequisite: 410-510.
- MATH 627** **Topology II--3 hours**. Further study of topological spaces; topics include metric spaces, quotient spaces, function spaces, localization of topological properties, continua, and the fundamental group. Prerequisite: 426-526.

COLLEGE OF ARTS & SCIENCES: Music

- MUS 537** **Advanced Percussion Techniques--1 hour**. Development of playing skills for timpani, mallet instruments, and accessory percussion instruments, including methods for teaching them. Prerequisite: 423 or comparable skills.
- MUS 645** **Interpretive Analysis--3 hours**. Performance as a function of the aural perception of musical structure and the interdependence of the elements of music. Performance practices of different periods will be stressed, emphasizing phrasing, articulation, ornamentation, dynamics, and tempo. Prerequisite: satisfactory score on the Graduate Placement Examination in Music Theory or successful completion of 601.
- MUS 663** **Advanced Instrumental Conducting--2 hours**. Analysis and solving of technical and musical problems in conducting major orchestral and/or band compositions. Contemporary and standard works are studied. Performance when possible. Prerequisite: 382 or equivalent, or consent of instructor.

COLLEGE OF ARTS & SCIENCES: Philosophy

- PHIL 505** **Symbolic Logic--3 hours**. An examination of several important branches of modern logic,

including truth-functional logic and quantificational logic.

PHIL 520 Theory of Knowledge--3 hours. Alternative theories of the origin, nature, and possibility of knowledge. An introduction through classical and contemporary texts to the problems of perception, experience, reasoning, logical inference, *a priori* knowledge, testability, and presupposition.

PHIL 590 Independent Study in Philosophy--1-3 hours. Arranged literature and consultation on philosophic topics. May be repeated for credit with a change in the independent study project.

COLLEGE OF ARTS & SCIENCES: Physics

PHY 561 Laser Physics--3 hours. Fundamentals of the interaction of electromagnetic radiation with matter, with special emphasis on problems relating to lasers. Topics include: atom field interaction, stimulated emission, laser theory, specific laser systems, and laser applications. Each student is also expected to participate in a project and deliver a seminar on the results of the work. Prerequisite: 496.

PHY 573 Nuclear Physics Laboratory--2 hours. Selected experiments in the characterization of nuclear radiation; beta and gamma ray spectroscopy, neutron physics. Prerequisite: successful completion of, or concurrent enrollment in, 593.

COLLEGE OF ARTS & SCIENCES: Psychology

PSY 601 Foundations of Psychological Research--3 hours. The basic aspects of behavioral research: scientific methodology, measurement, methods of observation and data collection, statistical analyses, design of experiments, interpretation of and generalization from data.

PSY 632 [no description available]

PSY 642 Perception--3 hours. Problems and methods in the study of selected sensory and perceptual processes, with emphasis on contemporary theory and research.

PSY 645 Seminar in Cognitive Psychology--3 hours. Research is reviewed which emphasizes the human capacities for processing information. Prerequisite: consent of instructor.

PSY 672 Case Management--3 hours. Supervised clinical work addressing the management of a variety of clinical problems. Prerequisites: 665C and consent of instructor.

COLLEGE OF ARTS & SCIENCES: Sociology

SOC 525 The Black Community--3 hours. An analysis of the Black community, with an emphasis

on internal and external social, political, and historical mechanisms contributing to its creation and maintenance. Prerequisite: 6 hours of sociology or consent of instructor.

SOC 548 Social Psychology of the Disadvantaged--3 hours. Personal, social, and subcultural correlates of role-playing competence in urban-industrial society. Dimensions of roles in urban-industrial society. Prerequisite: 6 hours of sociology or consent of instructor.

SOC 567 Sociology of Occupations and Professions--3 hours. The psychological and social implications to the individual of participation in a given occupation, the means by which occupations and professions affect societal stability and change, and the significance of professional versus nonprofessional status. Prerequisite: 6 hours of sociology or consent of instructor.

SOC 581 Social Change--3 hours. The meaning of social change; techniques and process of change; areas of change; differential rate of change; and impact of change on humans and their institutions. Prerequisite: 6 hours of sociology or consent of instructor.

SOC 583 Sociological Theory--3 hours. The meaning and purpose of theory and its relationship to empirical research. Specific consideration of contemporary theories--monistic, biological, psychological, ecological, culturological--and their convergence and synthesis. Prerequisite: 6 hours of sociology or consent of instructor.

COLLEGE OF ARTS & SCIENCES: Theater

THTR572 Theater Management--3 hours. A survey of the history, goals, and methods of theater management at the community, university, and professional levels. Special attention will be placed on the areas of staffing, budgeting, and audience relations.

COLLEGE OF ARTS & SCIENCES: Women's Studies

WS 601 Special Topics in Women's Studies—3 hours. Critical reading in and analysis of a selected topic in women's studies. Topics will vary depending on the instructor.

SCHOOL OF BUSINESS

MBA 601 Graduate Survey of Finance and Accounting--4 hours. This course provides an integrated overview of the areas of finance and accounting needed for further study in the M.B.A. Program. Topics include financial structures, assets management, dividend policy, and capital budgeting as they relate to a firm's business decisions. The course also introduces students to accounting principles and practices as applied to financial accounting with an emphasis on understanding and using accounting financial statements. This course is not open to students who have taken Accounting 600 or Finance 635.

SCHOOL OF BUSINESS: Analytical

- ACCT 505** **Advanced Federal Income Taxation--3 hours.** An advanced course in principles of federal taxation dealing with property transactions, partnerships, corporations, and S corporations. Prerequisite: 12 hours of accounting with a C grade or better, or consent of instructor.
- ACCT 620** **Accounting for Technical Managers --3 hours.** An introduction to accounting principles and practices as related to financial and managerial accounting. The uses of accounting information and the means by which pertinent accounting data are gathered and analyzed for internal purposes and management decisions are covered. The focus of this course will be on the technical environment. This course is not open to students admitted to the M.B.A. program.
- FIN 621** **Financial Management in a Technical Environment--3 hours.** This course provides a comprehensive survey of financial concepts, techniques, instruments, and procedures which are related to the financial structure, assets management, dividend policy, and the capital budgeting decisions of the firm. Basic skills in financial analysis are developed. Operations of domestic and international financial markets are covered. This course is not open to students admitted to the M.B.A. program. Prerequisite: Accounting 620.
- QDS 605** **Graduate Survey of Business Statistics--3 hours.** Basic course in descriptive and inductive statistics for those graduate business students who have an inadequate undergraduate background in this subject.
- QDS 624** **Production and Operations Management--3 hours.** A study of current issues and methods used in the management of the production of goods and services in the modern enterprise, with emphasis on the need to apply appropriate strategies and methods in different and frequently changing environments in a global setting. Topics considered include modern methods of production scheduling and control and inventory management, such as MRP II, just-in-time production, and OPT; the management of quality including statistical process control and Deming approach; computer integrated manufacturing; and development of manufacturing strategies and tactics which are consistent with overall company objectives. Students cannot receive credit for both 624 and 685.
- QDS 636** **Graduate Survey of Quantitative Methods and Management Science--3 hours.** Comprehensive introductory course emphasizing basic quantitative methods and their manipulation in the analysis of managerial problems for decision-making purposes.
- QDS 652** **Quantitative Management--3 hours.** Covers selected management science topics such as inventory management, Bayesian decision-making, linear programming, game theory, Markov analysis, queuing theory, simulation, and critical path analysis. Prerequisites: 615, 636.

QDS 680 **Research in Business--3 hours.** The application of business research technique and procedure to a problem within the student's area of concentration. Open only to graduate majors in business.

QDS 685 **Operations Management--3 hours.** An analytical approach with quantitative models and systems theory is used to offer students a foundation for continued learning. Covers the core area of production in the M.B.A. program. Prerequisites: 605, 636, and Management 632.

SCHOOL OF EDUCATION: Communication Disorders & Special Education

CD 505 [course description not available]

CD 595A [course description not available]

CD 695 **Research in Communication Disorders--3 hours.** An intensive study of research relating to communication disorders.

SPED 617 **Instructional Techniques with the Multiple Handicapped--3 hours.** Innovative techniques to be used in the training and education of the multiply handicapped. Both child and adult rehabilitation services will be studied. Prerequisites: 601, 602, 603, 604, 613, 616, or concurrent enrollment.

SPED 619 **Case Studies in Emotional Disturbance--3 hours.** Case studies will be discussed in depth in order to familiarize students with the many factors and concepts which must be considered to understand emotional disturbance. Prerequisites: 601, 602, 603, 604, and 618.

SPED 678 **Advanced Practicum with the Educationally Handicapped--3 hours.** This course builds upon prior practicum experiences gained from working with emotionally disturbed children and learning disabled children separately. The aim is to provide advanced practicum experience working with children who may be classified as emotionally disturbed, learning disabled, or a combination of both. Prerequisites: 576, 577, 676, 677, or their equivalents.

SPED 891 **Internship--2-6 hours.** A practicum designed to provide direct, supervised experiences for advanced graduate students, usually in the area of the specialization. The experiences are tailored to the needs of the student. The area in which the internship is taken will be designated on the student's transcript.

SCHOOL OF EDUCATION: Counseling

COUN 595-A-S **Topics in Counseling--1/2-3 hours.** This course is devoted at each offering to the study of a contemporary problem, trend, or innovative development in counseling, such as (a) Gestalt counseling, (b) individual psychology, and (s) human sexuality. May be repeated if a different topic is studied.

COUN 595T [no description available]

COUN 595V [no description available]

COUN 595W [no description available]

COUN 595Z [no description available]

COUN 632A [no description available]

COUN 632C [no description available]

COUN 632D [no description available]

COUN 632F [no description available]

COUN 632K [no description available]

COUN 632L [no description available]

COUN 632P [no description available]

COUN 632Q [no description available]

COUN 632S [no description available]

COUN 632W [no description available]

COUN 632X [no description available]

COUN 734 **Practicum in Group Counseling--3 hours.** Supervised experience in group counseling in a school or agency setting, together with seminar discussions, interview analyses, and individual conferences. Prerequisites: 634 and 733 and/or consent of instructor.

COUN 793-A,C,D,M **Supervised Field Work--1-3 hours.** Experience in an appropriate school or agency under professional supervision provided by the school or agency and Indiana State University. Designed to provide the student with experiences requiring an increasing degree of self-direction and

responsibility. May be repeated.

SCHOOL OF EDUCATION: Educational Leadership, Administration, and Foundations

ELAF 509 **Field Seminar in International Education--3 hours.** Overseas field seminar to study educational cultural problems in selected foreign countries. May be repeated with consent of Department Chairperson for maximum of 6 hours.

ELAF 799 **Advanced Thesis--6 hours.** For candidates for the educational specialist degree. Offered by arrangement with the chairperson of the student's thesis committee.

ELAF 898 **Doctoral Student Seminar--1 hour.** Designed to provide all doctoral students in the School of Education opportunities to criticize each other's research, to hear presentations by scholars in their own and others' areas of education, and to receive guidance in their progress toward their degrees. (Doctoral students will register for the course their first semester in residence and will continue to attend so long as they are on campus.)

SCHOOL OF EDUCATION: Elementary and Early Childhood Education

ELED 580 **Introduction to Reading--3 hours.** Exploration of the field of developmental reading as an area of study. The course is designed to acquaint students with the breadth of concerns of the elementary and middle school reading teacher.

ELED 591 **Diagnostic and Corrective Reading Procedures in the Classroom--3 hours.** Analysis, diagnosis, prescription, and correction of developmental reading problems in the elementary and middle school classroom. Required laboratory work involves experiences with pupils at the appropriate age levels. Course is not open to students having taken 398 or equivalent. Prerequisite: foundations course in reading.

ELED 595 **Topics in Education (A-F,H-Z)--1-3 hours.** This course explores a contemporary topic or innovative development in elementary education. May be repeated if different topic is studied, but no more than 6 semester hours may be counted toward degree requirements.

SCHOOL OF EDUCATION: Educational and School Psychology

EPSY 528 **[no description available]**

EPSY 598 **Individual Study in Educational Psychology--1-3 hours.** Research and reading to meet the needs of the student. Elected on an arranged basis upon approval of the Chairperson of the Department and instructor.

EPSY 725 **Advanced Educational Psychology--3 hours.** The psychology of learning, personality, and individual differences applied to specific problems encountered in schools. Feasibility

and operationality of solutions will be given special attention.

SPSY 541 [no description available]

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Recreation & Sport Management

RCSM 601 [no description available]

RCSM 602 [no description available]

RCSM 603 [no description available]

RCSM 605 [no description available]

RCSM 606 [no description available]

RCSM 607 [no description available]

RCSM 609 [no description available]

RCSM 650 [no description available]

RCSM 664 [no description available]

RCSM 665 [no description available]

RCSM 666 [no description available]

RCSM 667 [no description available]

RCSM 668 [no description available]

RCSM 669 [no description available]

RCSM 670 [no description available]

RCSM 671 [no description available]

RCSM 672 [no description available]

RCSM 680 [no description available]

RCSM 681 [no description available]

RCSM 682 [no description available]

RCSM 683 [no description available]

RCSM 684 [no description available]

COURSES SCHEDULED FOR ANNUAL DELETION

COLLEGE OF ARTS & SCIENCES: Communications

JOUR 500 **Advanced Reporting--3 hours.** Reporting complex events and issues in depth.

JOUR 510 **Color Photojournalism--3 hours.** Planning, shooting, and printing news pictures; writing cutlines; the techniques of the color picture story. Prerequisite: 371.

JOUR 514E [no description available]

JOUR 589A [no description available]

COLLEGE OF ARTS & SCIENCES: Geography, Geology, & Anthropology

GEOL 681 [no description available]

COLLEGE OF ARTS & SCIENCES: Humanities

HUM 645B [no description available]

HUM 645D [no description available]

COLLEGE OF ARTS & SCIENCES: Languages, Literatures, & Linguistics

FREN 562 [no description available]

FREN 589 [no description available]

FREN 592 [no description available]

FREN 690 [no description available]

FREN 699 [no description available]

LAT 501 [no description available]
LAT 503 [no description available]
LAT 504 [no description available]
LAT 506 [no description available]
LAT 507 [no description available]
LAT 510 [no description available]
LAT 511 [no description available]
LAT 512 [no description available]
LAT 513 [no description available]
LAT 514 [no description available]
LAT 515 [no description available]
LAT 516 [no description available]
LAT 517 [no description available]
LAT 518 [no description available]
LAT 540 [no description available]
LAT 550 [no description available]
LAT 589 [no description available]
LAT 607 [no description available]
LAT 690 [no description available]
LAT 699 [no description available]

SPAN 557 **Golden Age Novel**--3 hours. The major prose works of the Renaissance and Baroque styles; the pastoral, chivalric, and picaresque novels.

SPAN 607 **Research and Bibliography in the Teaching of Spanish--3 hours.** A study of traditional and new bibliographical resources dealing with research and methodology in the teaching of foreign languages in general and Spanish in particular.

COLLEGE OF ARTS & SCIENCES: Philosophy

PHIL 530W [no description available]

COLLEGE OF ARTS & SCIENCES: Physics

PHY 525 **Computer Image Generation—3 hours.** Principles of computer graphics, enabling the student to understand and implement the fundamental algorithms of interactive computer graphics. Topics covered include line drawing algorithms, clipping, three dimensional graphics, and the hidden line problem.

PHY 526 **Computer Image Processing—3 hours.** Fundamentals of image processing with applications to include thermography and satellite images. Topics include edge detection, texture recognition, Fourier transform techniques, image enhancement, and image restoration. Prerequisite: Math 335.

COLLEGE OF ARTS & SCIENCES: Political Science

PSCI 500D **Topics in American Government and Politics: Legal Research--3 hours.** In this course, students will learn to conduct legal research both manually and electronically. They will also be introduced to brief writing.

PSCI 540 **Topics in Political Theory/Methodology--3 hours.** An examination of selected topics and problems in political theory and methodology.

PSCI 211 [no description available]

PSCI 696 **Workshop in Practical Politics--2 hours.** Intensive analysis of selected topics in American government and politics with emphasis on the practical applications. Importance placed on preparation, presentation, and criticism of seminar projects. Prerequisites: teaching experience, prior consent of the instructor, and completion of departmental proposal/approval form.

PA 660 [no description available]

PA 661 [no description available]

COLLEGE OF ARTS & SCIENCES: Psychology

PSY 590C** [no description available]

PSY 590D** [no description available]

PSY 590E** [no description available]

PSY 590F** [no description available]

PSY 590K** [no description available]

PSY 590L** [no description available]

PSY 690C*** [no description available]

PSY 690G*** [no description available]

PSY 690K*** [no description available]

PSY 690M***[no description available]

PSY 690O***[no description available]

PSY 690P***[no description available]

PSY 690X***[no description available]

PSY 697C [no description available]

SCHOOL OF EDUCATION: Curriculum, Instruction, & Media Technology

CIMT 799 **Advanced Thesis--6 hours**. For candidates for the educational specialist degree. Offered by arrangement with the chairperson of the student's thesis committee.

SCHOOL OF EDUCATION: Educational, Leadership, Administrations, & Foundations

ELAF 507 **Power of Dynamics in Education--3 hours**. History, theory, psychology, and sociology are applied to the study of the types and kinds of power. Emphasis is given to the techniques of personal power. The bureaucratic system is contrasted with alternative power forms.

ELAF 508 **Schooling and Minority Ethnic Groups--3 hours**. Attention is given to the mechanisms and techniques in adjusting schooling to the unique problems of minority groups in the school-community setting. Application will deal with methodology, curriculum,

administration, and innovative procedures.

ELAF 571 Seminar in Urban Education--3 hours. Designed to introduce the student to historical, sociological, psychological, and political factors affecting urban education and resulting educational practices.

UNDERGRADUATE APPROVALS

NEW COURSES

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Recreation & Sport Management

RCSM 150 Philanthropy and Society – 3 hours. This course explores the role, history, operation, impact and future of non-profit and philanthropic organizations in the context of recreation, youth serving and human service agencies, and hybrid social purpose organizations, with a particular emphasis on the benefits, impacts, and outcomes upon society.

RCSM 493 American Humanics Internship – 3 hours. The internship is designed to give students in the American Humanics certificate program the opportunity to apply knowledge and skills in an actual work situation.

COURSE REVISIONS

COLLEGE OF ARTS & SCIENCES: Life Sciences

LIFS *426 Ornithology – 2 hours. Lectures on North American birds. Identification by sight and song and life history are included. Prerequisites: 102 and successful completion of or concurrent enrollment in 526L. Offered: spring.

Change credit hours to:

LIFS *426 Ornithology – 3 hours. Lectures on North American birds. Identification by sight and song and life history are included. Prerequisites: 102 and successful completion of or concurrent enrollment in 526L. Offered: spring.

**Course has a graduate level equivalent*

COLLEGE OF ARTS & SCIENCES: Theater

THTR 200 Individual Studies in Theater - 1-3 hours. Individual projects in theater performance, scenography, playwriting, dramaturgy, or management. Prerequisite: consent of Department Chairperson.

Change number to:

THTR 200A-F Individual Studies in Theater – 1-3 hours. Students may enroll for 1 to 3

semester hours in one of the following concentration areas: A. Acting and Performance B. Design and Technology C. Management D. Playwriting E. Directing F. History, Theory, Literature, and Dramaturgy. Prerequisite: consent of Department Chairperson.

**Preferred Effective Term: Fall 2002*

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety

HLTH 416 Administration of Industrial Health and Safety Programs—3 hours. Industrial health and safety program organization and operation; safety performance measurement; cost-benefit and economic feasibility analysis; employee selection, placement, and training; public relations; computer utilization. Prerequisites: 319, 335, 429, and Management 345.

Change prerequisites to:

HLTH 416 Administration of Industrial Health and Safety Programs—3 hours. Industrial health and safety program organization and operation; safety performance measurement; cost-benefit and economic feasibility analysis; employee selection, placement and training; public relations; computer utilization. Prerequisites: 319, 335, 429, and Management 400 or Manufacturing and Construction Technology 492.

HLTH 423 Current Issues in Industrial Health and Safety—3 hours. A seminar approach is utilized in discussion of major current issues in industrial health and safety such as medical surveillance, product liability, cumulative trauma, occupational stress, and safety training programs. Prerequisites: 319, 335, senior status, or consent of instructor.

Change title and description to:

HLTH 423 Current Issues and Training Concepts in Industrial Health and Safety—3 hours. A seminar approach is used to discuss current issues in industrial health and safety such as medical surveillance, product liability, cumulative trauma, occupational stress, and safety training procedures. Using a current issue, students will develop training and present topic to class. Prerequisites: 319, 355, senior status, or consent of instructor.

HLTH 460 Human Factors/Ergonomics—3 hours. The theory and application of information pertaining to human physical and behavioral characteristics in the design and utilization of equipment, as well as the environment in which people work. Prerequisites: 319, 315, 335, Management 200, 345.

Change prerequisites to:

HLTH 460 Human Factors/Ergonomics—3 hours. The theory and application of information pertaining to human physical and behavioral characteristics in the design and utilization of equipment, as well as the environment in which people work. Prerequisites: 319; 315; 335; Management 301; and 400 or Manufacturing and Construction Technology 492.

COURSES TO BE BANKED

SCHOOL OF BUSINESS: Management Information Systems

MIS 110 Business Information Processing Systems – 3 hours. This course provides a foundation in computer literacy necessary for today's business world. An introduction to management information systems is provided. The student will be expected to gain skills that will benefit him/her in the business world, such as use of spreadsheets and word processors. Introductory programming concepts will also be introduced via spreadsheets. Information systems applications in business are explored.

GRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS & SCIENCES: Life Sciences

LIFS *526 Ornithology – 2 hours. Lectures on North American birds. Identification by sight and song and life history are included. Prerequisites: 102 and successful completion of or concurrent enrollment in 526L. Offered: spring.

Change credit hours to:

LIFS *526 Ornithology – 3 hours. Lectures on North American birds. Identification by sight and song and life history are included. Prerequisites: 102 and successful completion of or concurrent enrollment in 526L. Offered: spring.

**Course has an undergraduate level equivalent*

CORRECTIONS

***The following is a correction of the text that appeared as an **APPROVAL** in the March 18, 2002 issue of *Academic Notes*.

The corrected portion is shown in [*bold-italics with bold-italic brackets*].***

UNDERGRADUATE APPROVALS

UNDERGRADUATE PROGRAM REVISIONS

COLLEGE OF ARTS & SCIENCES: Science Education

Teaching Curricula

Science Teaching Major (Dual Field)

General Science Primary Area Teaching Major

General Science Supporting Area Teaching Minor

Physical Science Primary Area Teaching Major

Physical Science Supporting Area Teaching Minor

Executive Summary:

Academic Notes
2002

35

April 1,

The General Science and separate Chemistry and Physics options had to be deleted due to the licensure framework of the Indiana Professional Standards Board (IPSB). Requirements for the minor have been increased to assure the licensure standards are met. The new one credit hour course that goes along with student teaching needed to be added. The prerequisites of Chemistry 105/105L and Physics 105/105L or 205/205L have been made explicit.

Rationale:

All teacher education programs must be in compliance with IPSB requirements. All prerequisites need to be made clear to students. Students have been provided choices between certain Geology, Physics, and Geography courses.

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Science Teaching Major (51 semester hours minimum)

This major may be added to the Senior High-Junior High/Middle School Instructional License; the coverage of the license is grades 5-12. Students who elect to complete a secondary science license are required to take three components as part of the Science major: general requirements, one primary area, and one supporting area. The primary and supporting areas include the following: biology, chemistry, earth space science, general science, mathematics, physical science, and physics. Students who complete this major will have satisfied the Liberal Studies requirement in Scientific and Mathematical Studies.

Prerequisite courses for the Science Teaching Major may be taken as part of this General Education category or as electives. In addition to these requirements, students must complete Science Education 396 and Mathematics 391 when mathematics is a primary or supporting area.

General Requirements (12 semester hours)

Any combination of the courses listed below will fulfill the general requirements for the major, with the stipulation that each course and laboratory is selected from a different discipline: Chemistry 105--3 hrs. and 105L--1 hr., or 107--3 hrs. and 107L--1 hr.; Geography and Geology 111--3 hrs. and 111L--1 hr. or 160--3 hrs. and 160L--1 hr.; Life Sciences 101--3 hrs. and 101L--1 hr.; Physics 105--3 hrs. and 105L--1 hr. or 205--4 hrs. and 205L--1 hr. Courses used to satisfy this requirement may not also be used to satisfy requirements in the primary or supporting areas.

Students must also complete two self-paced instructional modules concerned with substance abuse and human nutrition or approved substitutes. For information about these modules, consult with the Department of Science Education faculty.

Students combining areas of teaching specialization should use the listing below to determine in which departments the specialization is offered.

Specialization

Biology	See Department of Life Sciences
Chemistry	See Department of Chemistry
Earth Space Science	See Department of Geography, Geology, and Anthropology
General Science	See Department of Science Education
Mathematics	See Department of Mathematics and Computer Science
Physical Science	See Department of Science Education
Physics	See Department of Physics

Primary and Supporting Areas

Students who elect a Science Teaching Major with primary or supporting areas in biology (life sciences), chemistry, earth space science (geography and geology), mathematics, and physics will find these areas described under the respective departments. Descriptions of general science and physical science curricula follow.

General Science Primary Area (24 semester hours)

Required courses: Chemistry 106--3 hrs.; 106L--1 hr.; Life Sciences 102--3 hrs.; 102L--1 hr.; Physics 106--3 hrs.; 106L--1 hr.; Geography and Geology 170--3 hrs.; 270--3 hrs.; 316, 360 (also listed as Physics 360), or 361--3 hrs.

Approved elective: 3 hours.

General Science Supporting Area (18 semester hours)

Required courses: Chemistry 106--3 hrs.; 106L--1 hr.; Physics 106--3 hrs.; 106L--1 hr.; Life Sciences 102--3 hrs.; 102L--1 hr.; Geography and Geology 316, 360 (also listed as Physics 360), or 361--3 hrs.

Approved elective: 3 hours.

Physical Science Primary Area (24-28 semester hours)

Required courses: Chemistry 106--3 hrs. and 106L--1 hr., or 108--3 hrs. and 108L--1 hr.; 321--4 hrs., or 351--3 hrs. and 351L--1 hr. and 352--3 hrs. and 352L--1 hr.; Geography and Geology 316--3 hrs.; 360 (also listed as Physics 360) or 361--3 hrs.; Physics 206--5 hrs.; 356--2 hrs.

Approved elective: 3 hours.

Physical Science Supporting Area (15 semester hours)

Required courses: Chemistry 106--3 hrs.; 106L--1 hr.; 351--3 hrs.; 351L--1 hr.; Physics 106--3 hrs.; 106L--1 hr.; Geography and Geology 316, 360 (also listed as Physics 360), or 361--3 hrs.

Science Teaching Minors (24-29 semester hours)

These minors may be added to the Senior High-Junior High/Middle School or All Grade Instructional License for students who have selected a teaching major in an area other than science. The coverage of the license will be grades 5-12. The science area may be selected from biology, chemistry, earth space science,

general science, physical science, or physics; a mathematics minor is also an option.

The courses indicated in the general requirements section of the Science Teaching Major may be some of the prerequisite courses. Some of these prerequisite courses may be taken as part of the Liberal Studies requirement in Scientific and Mathematical Studies. Although Science Education 396 is not required, this methods course is highly recommended because teaching science is very different from teaching other subjects.

General Science Minor (29 semester hours)

This minor, added to the Senior High-Junior High/Middle School or All Grade Instructional License, will provide coverage in grades 5-12. Students who elect a General Science minor must complete a teaching major in some discipline other than science.

Required courses: 6 hours from Geography and Geology 316; 360 (also listed as Physics 360) or 361--3 hrs.; 20 hours, including at least 4 hours from each discipline, from Chemistry 105--3 hrs. and 105L--1 hr. and/or 106--3 hrs. and 106L--1 hr.; Life Sciences 101--3 hrs. and 101L--1 hr. and/or 102--3 hrs. and 102L--1 hr.; and Physics 105--3 hrs. and 105L--1 hr. and/or 106--3 hrs. and 106L--1 hr.

Approved elective: 3 hours.

Physical Science Minor (28 semester hours)

This minor, added to the Senior High-Junior High/Middle School or All Grade Instructional License, will provide coverage in grades 5-12. Students who elect a Physical Science minor must complete a teaching major in some discipline other than science.

Required courses: Chemistry 105--3 hrs. and 105L--1 hr.; 106--3 hrs. and 106L--1 hr.; 321--4 hrs.; Physics 105--3 hrs. and 105L--1 hr.; 106--3 hrs. and 106L--1 hr.; Geography and Geology 316--3 hrs.; 360--3 hrs. (also listed as Physics 360), or 361--3 hrs.

Approved Earth Space Science elective: 2 hours.

Junior High/Middle School Science Endorsement for Elementary Education

The supporting area below may be taken as a component of the Junior High/Middle School Science Endorsement for elementary teachers. A general description of the Junior High/Middle School Science Endorsement appears under the Department of Elementary and Early Childhood Education section found elsewhere in this *Catalog*. The coverage for this endorsement is grades 5-9.

This endorsement utilizes the courses listed under general requirements for the Science Teaching Major as prerequisites for the required courses. Some of these prerequisite courses may be appropriate for the Liberal Studies requirement in Scientific and Mathematical Studies. Students are not required to enroll in Science Education 396 since they have experienced an elementary school science methods course.

Supporting Area (18 semester hours)

Required courses: Chemistry 106--3 hrs.; 106L--1 hr.; Physics 106--3 hrs.; 106L--1 hr.; Life Sciences 102--3 hrs.; 102L--1 hr.; Geography and Geology 170--3 hrs.; 316--3 hrs.; 360--3 hrs. (also listed as Physics 360); or 361--3 hrs.

Prerequisites for required courses: Chemistry 105--3 hrs.; 105L--1 hr.; Physics 105--3 hrs.; 105L--1 hr.; Life Sciences 101--3 hrs.; 101L--1 hr.; Geography and Geology 111 or 160--3 hrs.

NEW CATALOG COPY

**Science Teaching Major (Dual Field)
(56-64 semester hours minimum)**

This major may be added to the Senior High-Junior High/Middle School Instructional License; the coverage of the license is grades 5-12. Students who elect to complete this science license are required to take three components as part of the Science Teaching major: general requirements, one major area, and one minor area. The major and minor areas can be selected from the following: biology (life science), earth space science, mathematics, and physical science. Students who complete this major will have satisfied the Liberal Studies requirement in Scientific and Mathematical Studies.

Prerequisite courses for the Science Teaching Major (Dual Field) may be taken as part of this General Education category or as electives. Mathematics 391 also must be completed when mathematics is a major or minor area.

General Requirements (12 semester hours)

Any combination of the courses listed below will fulfill the general requirements for the major, with the stipulation that each course and laboratory is selected from a different discipline: Chemistry 105--3 hrs. and 105L--1 hr., Geography 111--3 hrs. and 111L--1 hr. or Geology 160--3 hrs. and 160L--1 hr.; Life Sciences 101--3 hrs. and 101L--1 hr.; Physics 105--3 hrs. and 105L--1 hr. or 205--4 hrs. and 205L--1 hr. Students must also complete two self-paced instructional modules concerned with substance abuse and human nutrition or approved substitutes. For information about these modules, consult with the Center for Science Education faculty advisor and/or chairperson. Students combining areas of teaching specialization should use the listing below to determine in which departments the specialization is listed.

Specialization

Biology (Life Sciences)	See Department of Life Sciences
Earth Space Science	See Department of Geography, Geology, and Anthropology
Mathematics	See Department of Mathematics and Computer Science
Physical Science	See Center for Science Education or Departments of Chemistry and Physics

Major and Minor Areas

Students who elect a Science Teaching Major with major or minor areas in biology (life sciences), earth space science (geography and geology), and mathematics will find these areas described under the respective departments. Students seeking teaching licensure in Physical Science may elect to complete the Physical Science major described below or a combination of the Chemistry major and Physics minor or the Physics major and Chemistry minor, which are described under the respective departments.

Physical Science Major (32-34 semester hours)

Required courses: Chemistry 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr.; 321--4 hrs. or 351--3 hrs. and 351L--1 hr.; 352--3 hrs.; 352L--1 hr.; Geology 360 (also listed as Physics 360), or 361--3 hrs. or Geography 316--3 hrs.; Physics 105--3 hrs. and 105L--1 hr. or **[205--4 hrs.]** and 205L--1 hr.; 106--3 hrs. and 106L--1 hr. or 206--4 hrs. and 206L--1 hr.; 356--2 hrs.

Approved elective: 3 hours.

Physical Science Minor (25-27 semester hours)

Required courses: Chemistry 105--3 hrs.; 105L--1 hr.; 106--3 hrs.; 106L--1 hr.; 351--3 hrs.; 351L--1 hr.; Geology 360 (also listed as Physics 360), or 361--3 hrs. or Geography 316--3 hrs.; Physics 105--3 hrs. and 105L--1 hr. or **[205--4 hrs.]** and 205L--1 hr.; 106--3 hrs. and 106L--1 hr. or 206--4 hrs. and 206L--1 hr.; 356--2 hrs.

Required Professional Education Courses in the College of Arts and Sciences (3): Science Education 396--2 hrs.; 402--1 hr. **This applies to all science curricula listings above.**

Required Professional Education Courses in the School of Education (30): See the Curriculum, Instruction, and Media Technology Education section of the *Catalog*.

Preferred Effective Term: Spring 2002

The following is a correction of the text that appeared as a **PROPOSAL** in the March 18, 2002 issue of *Academic Notes*. The corrected portion is shown in **[bold-italics with bold-italic brackets]**.

UNDERGRADUATE PROPOSALS

NEW COURSES

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Recreation & Sport Management

[RCSM 462] American Humanics Management Institute – 1 hour. This one hour course is specifically designed for students to attend the American Humanics Management Institute. AHMI is an annual conference held for students preparing for graduation with AH certification. The purpose of the annual AH Management Institute is to expose junior and senior AH students to experiences they will encounter while working in nonprofit organizations. Students participate in agency simulation, and workshops on current topics in the nonprofit sector, career exploration.

