Academic Notes

FIELD TRIPS

ISU BASKETBALL BAND

Students of the ISU Basketball Band (MUS 169C/469C) will be traveling to St. Louis for the Missouri Valley Conference Tournament. The group will be leaving Terre Haute on Thursday at 11:30am Eastern Time, and will be returning Friday afternoon at the earliest, depending on the Men's Basketball Team's success at the tournament. A list of students is available from the School of Music, or Director of Athletic Bands J. Corey Francis (joseph.francis@indstate.edu)

ACADEMIC NOTES PUBLICATION SCHEDULE
FOR SPRING 2012

Below is the publication schedule for the electronic copy of *Academic Notes* through May 7, 2012. All submissions for inclusion in Academic Notes are due in the Office of Academic Affairs no later than 11:00 a.m. on the <u>Deadline for Items</u> date shown below. Submissions must be in hard copy along with an email, zip drive, or CD with the same information. The electronic version must be formatted either in Word with pages with signatures scanned and inserted as a picture OR PDF saved as text and image. (Do NOT send PDF just saved as an image.) Information submitted to Academic Notes that is not accompanied by an electronic version or that is incomplete or unusable will be returned to the appropriate office. Academic Notes is available using Acrobat Reader at http://www.indstate.edu/academicaffairs/academic_notes.htm. During the summer months, Academic Notes is published every other week. If you have questions, please contact Academic Affairs, extension 3662.

ACADEMIC NOTES PUBLICATION SCHEDULE
FOR SPRING 2012

Deadline for Items	Issue Date
February 22	March 5
February 29	March 12
March 7	March 19
March 14	March 26
March 28	April 2
April 4	April 9
April 11	April 16
April 18	April 23
April 25	May 7

CURRICULUM

UNDERGRADUATE PROPOSALS

COURSE REVISIONS

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Applied Health Sciences

HLTH 392 - Educational Methods
3 credits
Methods, procedures, aids, devices, and material sources appropriate for use by educators in applied health sciences.
Prerequisites: HLTH 221, or consent of instructor.
> *Change prefix and remove prerequisites to:*

AHS 392 - Educational Methods
3 credits
Methods, procedures, aids, devices, and material sources appropriate for use by educators in applied health sciences.
A-F Grading
Effective term: TBD

PROGRAM REVISIONS

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Applied Health Sciences

Food and Nutrition Major (82 or 59 credits)
CIP Code: 190501 Major Code: 1522

Brief Summary:

The Department of Applied Health Sciences aims to update content, sequencing, and level of proficiency to address the emerging body of knowledge, skills, and competencies related to changing professional needs in the Dietetics concentration. Both programs were affected by prefix changes and course eliminations.

Student Learning:

The American Dietetic Association and the Commission on Accreditation of Dietetic Education have recently increased their requirement of supervised practice hours from 900 to 1200 hours. This increase is reflected in the program revisions proposal. The proposal includes revision of didactic courses and supervised practice that reflect the established learning outcomes and program goals. Based on a national audit of practitioners, new knowledge and competencies were established for dietetic students which included more emphasis on some areas of practice and less emphasis on others. These program revisions reflect the outcomes assessment recommendations of our alumni, preceptors, advisory board, and faculty. The goal is to improve the program to meet the trends and current practices of the field and to ultimately improve

student outcomes and program effectiveness.

Proposed Catalog Copy:

Food and Nutrition Major (85 or 52 credits)
CIP Code: 190501 Major Code: 1522

Two options are available for students who wish to major in the food and nutrition area: Option A, an 85-hour major in dietetics; and Option B, a 59-hour major in food service management.

Coordinated Program in Dietetics (85 hours):
Admission to the Coordinated Program in Dietetics:
Early advisement is required to ensure completion of courses necessary for admission to the program. Students may apply for admission during spring of the sophomore year. The program is limited to 16 undergraduate and graduate students per class. Complete entrance requirements and applications may be obtained from the director of the program. Included within the food and nutrition courses are 1200+ clock hours of preprofessional practice experience.

Minimum Requirements for Admission and Continuation in the Program

A minimum cumulative grade point average of 2.7 (B-) or a 3.0 grade point average on the last 32 hours of work completed is required for admission. A 2.7 (B-) or better is required in all FCS courses required in the major including the prerequisites of FCS 221 and FCS 226.   Completion of 62 credit hours is required for admission. Students must maintain a cumulative grade point average of 2.7 (B-) to remain in the program.

Prerequisites required prior to admission to the program:
- BIO 231 – Human Anatomy 2 credits
- BIO 231L – Human Anatomy Laboratory 1 credit
- BIO 241 – Human Physiology 2 credits
- BIO 241L – Human Physiology Laboratory 1 credit
- BIO 274 – Introductory Microbiology 2 credits
- BIO 274L – Introductory Microbiology Laboratory 1 credit
- CHEM 103 – Elementary Chemistry 3 credits
- CHEM 103L – Elementary Chemistry Laboratory 1 credit
- CHEM 104 – Elementary Organic and Biochemistry 3 credits
- CHEM 104L – Elementary Organic and Biochemistry Laboratory 1 credit
- CHEM 330 – Survey of Biochemistry 4 credits
- AHS 221 – Principles of Human Nutrition 3 credits
- AHS 226 – Fundamentals of Foods 3 credits

Required Courses:
- BIO 231 – Human Anatomy 2 credits
- BIO 231L – Human Anatomy Laboratory 1 credit
- BIO 241 – Human Physiology 2 credits
- BIO 241L – Human Physiology Laboratory 1 credit

- BIO 274 – Introductory Microbiology 2 credits
- BIO 274L – Introductory Microbiology Laboratory 1 credit
- BIO 412 – Pathophysiology 3 credits
- CHEM 103 – Elementary Chemistry 3 credits
- CHEM 103L – Elementary Chemistry Laboratory 1 credit
- CHEM 104 – Elementary Organic and Biochemistry 3 credits
- CHEM 104L – Elementary Organic and Biochemistry Laboratory 1 credit
- CHEM 330 – Survey of Biochemistry 4 credits
- ENG 305T – Technical Writing 3 credits
- AHS 320 – Orientation to Dietetics 1 credit
- AHS 322 – Nutrition Intervention Methodologies 3 credits
- AHS 324 – Nutrition Care Process 3 credits
- AHS 332 - Quantity Food Production 2 credits
- AHS 333 – Quantity Food Production Supervised Practice 2 credits
- AHS 420 – Advanced Nutrition 3 credits
- AHS 421 – Life Cycle Nutrition 3 credits
- AHS 422 – Community Nutrition Supervised Practice 4 credits
- AHS 423 – Medical Nutrition Therapy 5 credits
- AHS 424 – Medical Nutrition Therapy Supervised Practice I   2 credits
- AHS 425 – Community Nutrition 3 credits
- AHS 428 – Experimental Food Science 3 credits
- AHS 430 – Food Service Management Systems 5 credits
- AHS 431 – Food Service Management Supervised Practice 6 credits
- AHS 432 – Food and Nutrition Summer Supervised Practice 1 credit
- AHS 435 – Medical Nutrition Therapy Supervised Practice II   6 credits

Food Service Management (52 credits):

Required Courses:
- ACCT 200 – Survey of Accounting 3 credits
- BIO 274 – Introductory Microbiology 2 credits
- BIO 274L – Introductory Microbiology Laboratory 1 credit
- AHS 221 – Principles of Human Nutrition 3 credits
- AHS 226 – Fundamentals of Foods 3 credits
- AHS 332 - Quantity Food Production 2 credits
- AHS 336 – Family Relationships 3 credits
- AHS 428 – Food Science 3 credits
- AHS 430 – Food Service Management Systems 3 credits
- AHS 434 – Food Service Systems II 3 credits
- MGT 301 – Survey of Management 3 credits
- MGT 400 – Survey of Human Resource Management 3 credits
- MIS 276 – Business Information Processing Systems 3 credits

Required General Education Courses:
- CHEM 103 – Elementary Chemistry 3 credits

- CHEM 103L – Elementary Chemistry Laboratory 1 credit
- CHEM 104 – Elementary Organic and Biochemistry 3 credits
- CHEM 104L – Elementary Organic and Biochemistry Laboratory 1 credit

Directed Electives:
- 300/400 level Food and Nutrition courses – 8 credits as approved by food and nutrition area

Effective term: TBD

GRADUATE PROPOSALS

COURSE REVISIONS

COLLEGE OF ARTS AND SC IENCES: Political Science

PA 602 - Statistical Analysis for Public Administrators
3 credits
Applications of statistical methods in preparing and evaluating research reports and other documents. Topics covered will include descriptive statistics, survey sampling, hypothesis testing, and inferential statistics.
A-F Grading
Effective term: TBD

COURSE REACTIVATIONS

COLLEGE OF ARTS AND SC IENCES: Political Science

PA 630 - Seminar in Federal Administrative Systems
3 credits
An analysis of the role of selected federal agencies and their programs and of inter-governmental considerations affecting many national programs. A major research paper will be required.
> *Change title and description to:*

PA 630 - Federalism and Intergovernmental Relations
3 credits
This course provides an examination of federalism within the United States. It emphasizes the development of federalism as a theory of government; and the application of federalism through the practice of intergovernmental relations throughout all levels of American government.
A-F Grading
Effective term: TBD

PROGRAM REVISIONS

COLLEGE OF ARTS AND SC IENCES: Political Science

Public Administration M.P.A. (36 credits minimum without internship) (39 credits when internship required)
CIP Code: 440401   Major Code: 3665

Brief Summary:

We propose the following changes to the MPA curriculum

First, we propose replacing PSCI 658 (seminar in empirical theory) with a graduate course in statistics (PA 602). We do this to move the curriculum in line national standards promulgated by NASPAA, and to increase the likelihood of student success.

Second, we propose an elective concentration in Criminology and Criminal Justice within the College of Arts and Sciences. Criminology and Criminal Justice has recommended that MPA students take three courses to complete the concentration. Two of the three are required, and students choose the third Criminology and Criminal Justice course from a menu of three.

Third, we propose a four course concentration in Human Resource Development, a program located within the College of Technology. HRD has recommended four courses for completion of that concentration. All four must be completed to satisfy the requirements of the concentration. Students may earn a certificate in HRD upon completion of those four courses.

Fourth, we propose a three course concentration in Public Health, with courses offered through the master's program in Health and Safety, located within the College of Nursing Health and Human Services. Students must take an introductory course, and then may choose from a menu of other courses to satisfy the requirements for the concentration.

Fifth, we propose to unbank PA 630, Federal Administrative Systems, and add this course to our list of electives for the MPA degree.

Student Learning:

The program assessment plan is forthcoming.

Replacing 658 with 602 improves students' chances of performing well on their capstone projects. PSCI 658 had been taught as a course in political philosophy. We find that the 658/602 combination does not track well with student success in developing capstone projects. (PA 658, or courses like it, are standard fare in political science curricula, but rarely appear in PA programs.) But we find that students taking 602 AND 655, even though 602 had been an elective, were much more likely to develop successful capstone projects. The new pairing is also a much more standard approach.

Adding the concentrations in criminology, HRD and public health broadens the range of electives we can offer our students, and diversifies our curriculum. We have students currently working as state or local police or prison officials; in public and nonprofit health agencies; and in the human resources units of their agencies. And so we expect these concentrations to be popular with our students by allowing many of them to concentrate in academic subjects that are cognate to their own professional experiences. In adding these concentrations, we are providing students with choices from among more than a dozen more courses, in addition to the electives we also offer. And we are using existing resources across the university.

Setting 655 (a scope and methods course) as a prerequisite to 602 allows students to overview in

655 the entire set of methods, including statistics, available to them before taking the statistics courses. (It's like approaching the forest—via 655—before concentrating on a single tree—via 602.) We find that students conversant through 655 with the broad range of methods--including statistics—that are available to social scientists are better prepared for the required statistics course. They are also more likely to develop successful capstone projects.

We have been offering a course in federalism and intergovernmental relations as a 690 topics course over the past several years. Since the course is popular and has become, in effect, a regular part of the MPA curriculum, we feel the time is right to unbank the course and offer it under its own title. We feel that offering it under its own course designation will also prevent confusion among students about the contents of 690 courses.

In addition, we will be raising the TOEFL minimum for admission to the MPA to help insure that international students admitted to the program will finish it. The program requires a high level of English reading and writing skills—most of our courses emphasize those skills. We have found that students whose TOEFL scores fall between 550 and 600 (or the equivalent) are much less likely to succeed, than students whose scores range higher than 600. Two of our recent international graduates, both of whose TOEFL scores were above 600, moved on to PhD programs after finishing our program.

Proposed Catalog Copy:

Public Administration M.P.A. (36-39 credits)
CIP Code: 440401   Major Code: 3665

Core Courses (21 credits):

PA 601 - Proseminar in Public Administration 3 credits
PA 602 - Statistical Analysis for Public Administrators 3 credits
PA 605 - Organizational Behavior in Public Agencies 3 credits
PA 606 - Public Personnel Administration 3 credits
PA 607 - Budgeting in Governmental Agencies 3 credits
PSCI 621A - Seminar in American Government 3-hrs
PSCI 655 - Scope and Methods of Political Science 3 credits

Culminating Experience: Required Professional Project and Presentation (3 credits)

PA 697 - Capstone Research Seminar in Public Administration 3 credits.

General Public Administration Electives (12 credits):

Choose 4 of the following courses:

PA 603 - Computer and Management Information Systems (MIS) for Public Administrators 3
        credits
PA 608 - Legal Environment of Public Administration 3 credits
PA 609 - Ethical Concerns in Current American Public Administration 3 credits

PA 630 – Seminar in Federal Administrative Systems
PA 631 - Seminar in Public Policy Analysis
PA 640 - Seminar in Personnel Law 3 credits
PA 641 - Seminar in Organizational Development 3 credits
PA 690 - Special Topics in Public Administration 3 credits
PA 695 - Internship in Public Agency 3 credits
PA 698 - Directed Research in Public Administration 3 credits
PSCI 509 – The United States Congress 3 credits
PSCI 510 – Campaigns and Elections 3 credits
PSCI 514 - The American Presidency 3 credits
PSCI 518 - American Constitutional Law II: Civil Rights and Civil Liberties 3 credits

Students may take elective courses in other departments, upon the approval of their advisor.

Students desiring a more specialized program may choose a concentration in place of the General Public Administration Electives.

Elective Concentrations:

The Public Administration program of the Political Science Department cooperates with the College of Arts and Sciences' Criminology and Criminal Justice Department, and with the Colleges of Technology, and of Nursing, Health and Human Services in offering online elective concentrations in Criminology and Criminal Justice, Human Resources Development, and Public Health within the MPA. Students desiring a more specialized program may choose one of the following concentrations in place of the General Public Administration Electives. All courses in each of these concentrations are offered online.

Concentration in Criminology and Criminal Justice (12 credits):

CRIM 540-Ethics in Criminal Justice—3 credits
CRIM 601-Seminar: Criminological Theories – 3 credits

One of the following:

CRIM 604 - Police Problems and Practices —3 credits
CRIM 607 - Seminar: Law and Society—3 credits
CRIM 630 – Seminar in Corrections—3 credits

One additional Public Administration Elective (see above list) – 3 credits

Concentration in Human Resources Development (12 credits):

HRD 605 - Developing Performance Based Occupational Curriculum – 3 credits
HRD 670 - Systematic Design of Human Resource Development Programs – 3 credits
HRD 675 - Leadership in Human Resource Development – 3 credits
HRD 695 – Rationale and Evaluation of HRD Programs – 3 credits

Concentration in Public Health (12 credits):

AHS 602 - Introduction to Public Health – 3 credits

Choose two of the following:

AHS 609 - Applied Communications in Health Professions – 3 credits
AHS 612 - Epidemiology - 3 credits
AHS 614 - Principles of Environmental Health – 3 credits
AHS 617 - Health Behavior Theories – 3 credits
AHS 619 - Seminar: Advanced Health Program Planning and Coordination – 3 credits
AHS 628 - Seminar: Advanced Program Evaluation in Health Professions – 3 credits

One additional Public Administration Elective (see above list) – 3 credits

Note:

AHS 619 is taken prior to AHS 628. Students who take AHS 619 should also take AHS 628 to complete the Public Health concentration.

Additional Training required for students *without* significant demonstrated work experience (3 credits):

PA 695 - Internship in Public Agency 3 credits
Effective term: TBD

UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Biology

BIO 102 - Principles of Biology II
3 credits
Link
(This course is part of the "Transfer Indiana" [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

A continuation of 101, with emphasis on cell and organismic physiology and survey of plants.
Prerequisites: Successful completion of or concurrent enrollment in Chemistry 105 and 105L.
When Offered: Offered: spring.

Change prerequisites to:
BIO 102 - Principles of Biology II
3 credits
Link
(This course is part of the "Transfer Indiana" [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

A continuation of 101, with emphasis on cell and organismic physiology and survey of plants.
Prerequisites: Successful completion of or concurrent enrollment in BIO 102L. Successful completion of or concurrent enrollment in Chemistry 105 and 105L.
A-F Grading
Effective term: Fall 2012

BIO 102L - Principles of Biology II Laboratory
1 credits
Link
(This course is part of the "Transfer Indiana" [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

Laboratory exercises supporting concepts presented in Life Sciences 102.
When Offered: Offered: spring.
        Change description and prerequisites to:
BIO 102L - Principles of Biology II Laboratory
1 credits
Link
(This course is part of the "Transfer Indiana" [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

Laboratory exercises supporting concepts presented in BIO 102.
Prerequisites: Successful completion of or concurrent enrollment in BIO 102.
A-F Grading
Effective term: Fall 2012

BIO 241 - Human Physiology
2 credits
The skeletal, muscular, nervous, circulatory, respiratory, excretory, digestive, reproductive, and endocrine systems of human beings are studied in relation to their physiology.
Prerequisites: CHEM 100/100L or CHEM 104/104L.
When Offered: Offered: fall, spring, and summer II.
        Change prerequisites to:
BIO 241 - Human Physiology
2 credits
The skeletal, muscular, nervous, circulatory, respiratory, excretory, digestive, reproductive, and endocrine systems of human beings are studied in relation to their physiology.
Prerequisites: Successful completion of or concurrent enrollment in BIO 241L; CHEM 100/100L or CHEM 104/104L.
A-F Grading

BIO 241L - Human Physiology Laboratory
2 credits
Laboratory exercises supporting concepts presented in 241.
When Offered: Offered: fall, spring, and summer II.
　　　Change prerequisites to:
BIO 241L - Human Physiology Laboratory
2 credits
Laboratory exercises supporting concepts presented in BIO 241.
Prerequisite: Successful completion of or concurrent enrollment in BIO 241.
A-F Grading
Effective term: Fall 2012

BIO 274 - Introductory Microbiology
2 credits
Link
(This course is part of the "Transfer Indiana" [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

The study of the structure and physiology of microorganisms and their relation to health, sanitation, agriculture, and industry. A general course for students majoring in areas other than life sciences.
Prerequisites: CHEM 100/100L or CHEM 104/104L.
Co-requisites: BIO 274L
When Offered: Offered: fall, spring, and summer I.
　　　Change prerequisites to:
BIO 274 - Introductory Microbiology
2 credits
Link
(This course is part of the "Transfer Indiana" [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

The study of the structure and physiology of microorganisms and their relation to health, sanitation, agriculture, and industry. A general course for students majoring in areas other than life sciences.
Prerequisites: Successful completion of or concurrent enrollment in BIO 274L; One pair from the following: CHEM 100/100L, CHEM 103/103L or CHEM 104/104L.
A-F Grading
Effective term: Fall 2012

BIO 374 - Cellular and Microbial Biology
3 credits
A comparative study of the structural, chemical, functional, and regulatory features of procaryotes and eucaryotes to develop and illustrate the fundamental principles of cellular and microbial biology.
Prerequisites: 102; Chemistry 351 and 351L.

When Offered: Offered: spring.

Change prerequisites to:

BIO 374 - Cellular and Microbial Biology

3 credits

A comparative study of the structural, chemical, functional, and regulatory features of procaryotes and eucaryotes to develop and illustrate the fundamental principles of cellular and microbial biology.

Prerequisites: BIO 102; Successful completion of or concurrent enrollment in BIO 374L; CHEM 351 and 351L.

A-F Grading

Effective term: Fall 2012

BIO 374L - Cellular and Microbial Biology Laboratory

1 credits

Exercises and experiences designed to demonstrate and apply the concepts of cellular and microbial biology.

When Offered: Spring.

Change prerequisites to:

BIO 374L - Cellular and Microbial Biology Laboratory

1 credit

Exercises and experiences designed to demonstrate and apply the concepts of cellular and microbial biology.

Prerequisite: Successful completion of or concurrent enrollment in BIO 374.

A-F Grading

Effective term: Fall 2012

BIO 380 - Genetics

3 credits

The study of hereditary mechanisms, including classical, biochemical, and population concepts using appropriate examples.

Prerequisites: BIO 102 and concurrent enrollment in BIO 380L. MATH 099 or appropriate placement examination (MAPLE T.A.) score.

When Offered: Fall.

Change prerequisites to:

BIO 380 - Genetics

3 credits

The study of hereditary mechanisms, including classical, biochemical, and population concepts using appropriate examples.

Prerequisites: BIO 102 and successful completion of or concurrent enrollment in BIO 380L. Appropriate placement examination (MAPLE T.A.) score.

A-F Grading

Effective term: Fall 2012

BIO 428 - Mammology

2 credits

Lectures on mammals, including their classification, evolution, ecology, and methods of study.

Prerequisites: BIO 424 or consent of instructor.

Co-requisites: BIO 428L
Note: Open to graduate students. Graduate students are required to do additional work of a research nature.
When Offered: Offered: spring.
> *Change prerequisites to:*

BIO 428 - Mammology
2 credits
Lectures on mammals, including their classification, evolution, ecology, and methods of study.
Prerequisites: Successful completion of or concurrent enrollment in BIO 428L; BIO 102 & 424, or consent of instructor.
Note: Open to graduate students. Graduate students are required to do additional work of a research nature.
A-F Grading
Effective term: Fall 2012

BIO 428L - Mammology Laboratory
1 credits
Laboratory and fieldwork to support the principles covered in 428.
Co-requisites: BIO 428
Note: Open to graduate students. Graduate students are required to do additional work of a research nature.
When Offered: Offered: spring
> *Change prerequisites to:*

BIO 428L - Mammology Laboratory
1 credits
Laboratory and fieldwork to support the principles covered in 428.
Prerequisite: BIO 102; Successful completion of or concurrent enrollment in BIO 428.
Note: Open to graduate students. Graduate students are required to do additional work of a research nature.
A-F Grading
Effective term: Fall 2012

BIO 437 - Plant Physiology
3 credits
Unique aspects of plant metabolism, such as water relations, mineral nutrition, photosynthesis, nitrogen metabolism, growth, and morphogenesis.
Prerequisites: BIO 330.
Co-requisites: BIO 437L
When Offered: Fall
> *Change prerequisites to:*

BIO 437 - Plant Physiology
3 credits
Unique aspects of plant metabolism, such as water relations, mineral nutrition, photosynthesis, nitrogen metabolism, growth, and morphogenesis.
Prerequisites: BIO 102; Successful completion of or concurrent enrollment in 437L.
A-F Grading
Effective term: Fall 2012

BIO 437L - Plant Physiology Laboratory
1 credits
An experimental approach to the topics listed under 437.
Co-requisites: BIO 437
When Offered: fall.
    Change prerequisites to:
BIO 437L - Plant Physiology Laboratory
1 credits
An experimental approach to the topics listed under 437.
Prerequisites: BIO 102; Successful completion of or concurrent enrollment in BIO 437.
A-F Grading
Effective term: Fall 2012

SCOTT COLLEGE OF BUSINESS: Accounting, Finance, Insurance and Risk Management

ACCT 350 - Fraud Examination I
3 credits
The purpose of this course is to: educate the student about both the pervasiveness of the causes of fraud and white-collar crime in society; explore, in detail methods of fraud detection, investigation, and prevention; and increase the student's ability to detect material financial statement fraud.
Prerequisites: ACCT 315 or 301 or permission of department chairperson.
    Change title to:
ACCT 350 - Fraud Examination
3 credits
The purpose of this course is to: educate the student about both the pervasiveness of the causes of fraud and white-collar crime in society; explore, in detail methods of fraud detection, investigation, and prevention; and increase the student's ability to detect material financial statement fraud.
Prerequisites: ACCT 315 or 301 or permission of department chairperson.
A-F Grading
Effective term: Fall 2012

ACCT 450 - Fraud Examination II
3 credits
This course is a continuation of 350 and increases the student's ability to better understand what occupational fraud is and how it is committed, prevented, and resolved. This course is concerned with examining the three main categories of occupational fraud: asset misappropriation, corruption, and the issuance of misleading financial statements. During the semester, the student will learn various prevention, detection, and investigation strategies used in fighting fraud.
Prerequisites: ACCT 350 or 499.
    Change title to:
ACCT 450 - Occupational Fraud
3 credits
This course increases the student's ability to better understand what occupational fraud is and

how it is committed, prevented, and resolved. This course is concerned with examining the three main categories of occupational fraud: asset misappropriation, corruption, and the issuance of misleading financial statements. During the semester, the student will learn various prevention, detection, and investigation strategies used in fighting fraud.
Prerequisites: ACCT 301 or 315.
A-F Grading
Effective term: Fall 2012

COURSE BANKING

COLLEGE OF TECHNOLOGY: Electronics and Computer Engineering Technology
ECT 280 - Introduction to Automation
Effective term: Fall 2012

GRADUATE APPROVALS

NEW COURSES

COLLEGE OF TECHNOLOGY: Electronics and Computer Engineering Technology

ECT 633 - Information Security Management
3 credits
Prepares students for a role as a network security administrator or analyst; and gives the student experience in developing a production security system. Includes an in-depth examination of topics in the management of information technology security including access control systems, system recovery planning, legal issues, ethics, physical site security, and security system architecture using current standards and models.
A-F Grading
Effective term: Fall 2012

COURSE REVISIONS

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Applied Health Sciences

AHS 528 -Experimental Food Science
3 credits
Experimental approach to the study of chemical and physical properties of foods.
Prerequisites: 226, CHEM 103, 103L and 104, 104L or consent of instructor.
Note: Includes laboratory.
     Change prerequisites to:
AHS 528 -Experimental Food Science
3 credits
Experimental approach to the study of chemical and physical properties of foods.
Prerequisites: AHS 226, CHEM 103, 103L and 104, 104L or consent of instructor.
Note: Includes laboratory.
A-F Grading
Effective term: Fall 2012

COLLEGE OF TECHNOLOGY: Electronics and Computer Engineering Technology

ECT 679 - Problems in Electronics and Computer Technology
2-3 credits
Content determined to large extent by the interest and needs of each individual enrolled for the course.
        Change credit hours to:
ECT 679 - Problems in Electronics and Computer Technology
3 credits
Content determined to large extent by the interest and needs of each individual enrolled for the course.
A-F Grading
Effective term: Fall 2012

PROGRAM REVISIONS

BAYH COLLEGE OF EDUCATION

Change in BCOE minimum GPA policy to graduate

Brief Summary:

We are proposing a change to the BCOE policy of a minimum GPA of 3.5 to earn a doctoral degree in the college. With the advent of +/– grading, a B+ now equates to 3.3. Hence, we propose a policy change from 3.5 to B+ equivalency (what equates to a 3.3) to align with this change. Note that the minimum standard for all other colleges in 3.0.

Rationale: Students who used to be in good standing at the old standard are now no longer considered to be in good standing as an artifact of an unintended but real policy change impact. By way of sample evidence, a January GPA audit of the 28 higher education doctoral students currently in coursework (i.e., prior to prelims and dissertation) revealed 4 with GPAs in the 3.3 to 3.5 window whereas prior to the implementation of +/- grading, there would typically be 1, occasionally 2, after the first semester and rarely would a student have a GPA below 3.5 in their second year of coursework. Currently 3 of the 4 previously mentioned students are in their second year. Furthermore, program admission standards and cohort profiles have not changed over that period (average GRE: 500V/500Q; typical entering GPA above 3.5 with few conditional admits). The grading data do reveal, however, that faculty are making use of the expanded grading opportunity with ample use of A- instead of what would typically occur before, grading with an A. The use of B+, some B, and occasionally B- or below is also evident, a combined outcome being an overall drop in average GPA in the program since the implementation of +/-.

In summary, this change in policy will provide a fair basis by which to evaluate students in regards to their suitability to continue in BCOE doctoral studies. At some unknown time in the past, the BCOE chose a higher standard than the rest of the campus by which to hold our doctoral students accountable and which aligned with a B+. This policy change seeks to simply keep it at the B+ level of performance.

Programs affected:

Curriculum and Instruction Ph.D. (CIMT)
Guidance and Psychological Services—School Psychology Ph.D.
Educational Administration Ph.D.
Guidance and Psychological Services: Specialization in Counseling Psychology Ph.D.

Student Learning:

As noted above, there is sample evidence that the +/- policy change is having real impacts on doctoral students as well as clear ethical evidence of fairness to a previously agreed to standard of performance while enrolled in BCOE doctoral study. The obvious student learning benefit is that students with GPAs in the 3.3-3.5 window who would have been dismissed or placed on probation under the current 3.5 standard will actually receive student learning as a result of the policy change (i.e., they won't be eliminating or have their student learning at risk). Furthermore, as a student in good standing, they will not suffer feelings of inadequacy sourced in being considered "academically at risk/potentially insufficiently capable of doctoral study". From a program effectiveness standpoint, the policy change will enable faculty to concentrate their efforts toward the students who truly are marginal and should be dismissed or provided a remediation plan to get back on track for completion during a probationary period.

Proposed Catalog Copy:

Revised Text from General Policies and Regulations Section of Grad Catalog:

1. Complete a minimum of 65 hours of graduate course work (72 hours for programs in education), exclusive of the dissertation, with a grade point average of 3.0 or above (**B+ equivalent for programs in education**).
2. Complete a minimum of 30 hours of doctoral program work at Indiana State University with a grade point average of 3.0 or above (**B+ equivalent for programs in education**). At least one-half of the work toward the doctorate must be in courses numbered 600 or above.

Revised Text from Curriculum and Instruction Ph.D. (CIMT) section:

Retention
A student whose grade point average falls below **the B+ equivalency level** will be placed on probation, suspended from graduate study, or dismissed from the College of Graduate and Professional Studies.

Revised Text from Guidance and Psychological Services: Specialization in Counseling Psychology Ph.D. section:

Retention

A student whose grade point average falls below **the B+ equivalency level** will be placed on probation, suspended from graduate study, or dismissed from the College of Graduate and

Professional Studies.
Effective term: Fall 2012

BAYH COLLEGE OF EDUCATION: Curriculum, Instruction, and Media Technology

Educational Technology M.S. (33 credits minimum)
CIP Code: 8389 Major Code: 130501

Brief Summary:

The MS in Educational Technology program proposes to add CIMT 543 Production of Instructional Materials (3 credit hours) as a required course. CIMT 543 currently is an elective course on the program. The rationale for adding CIMT 543 as a required course is this course teaches producing instructional materials using multimedia technologies. The multimedia technologies part of the course is not included in the required courses of the current program.

NOTE: The Library Media specialization is being eliminated at the same time this proposal is moving forward. In order to avoid sending another proposal through to update catalog copy, references to the Library Media specialization have been eliminated from the proposed copy.

Student Learning:

The MS in Educational Technology was recognized with condition by NCATE in May 2011. One of the weaknesses identified by the reviewers can be fixed by adding CIMT 543 as a required course to the program. The proposed revised program offers the same courses as the current program. By transferring CIMT 543 from an elective course to a required course can ensure that all students on this program learn developing instruction using various technologies that are needed in the real world.

Proposed Catalog Copy:

Educational Technology M.S. (33 credits minimum)
CIP Code: 8389 Major Code: 130501

As an interdisciplinary field of study, the Educational Technology Program prepares students to systematically design and develop instruction with optimal use of technology, and to implement, manage, and evaluate the total process of teaching and learning in a variety of settings including kindergarten-12 schools, universities, government, business/industry, and the military to bring the most effective, efficient, and appealing instruction to various teaching and training settings.

Degree Requirements:

Core courses:

- CIMT 610 - Research in Education 3 credits
- CIMT 620 - Instructional Design 3 credits

Specialization:

Educational Technology

- CIMT 543 - Production of Instructional Materials 3 credits
- CIMT 630 - Research Design and Evaluation of Interactive Learning 3 credits
- CIMT 640 - Survey of Educational Media 3 credits
- CIMT 689 - Learning Theory and Instructional Strategies 3 credits

Electives:

In consultation with advisor, select 12 credits from the following:
- CIMT 625 - Multimedia Design for Interactive Learning 3 credits
- CIMT 641 - Networking and Facilities 3 credits
- CIMT 647 - Accessing Information with Technology 3 credits
- CIMT 657 - Courseware Design and the Web 3 credits
- CIMT 672 - Multimedia Authoring 3 credits
- CIMT 687 - Leading and Managing Technology Resources in Educational Settings 3 credits
- CIMT 720 - Advanced Instructional Design 3 credits
- CIMT 740 - The Technology of Distance Learning 3 credits
- ELED 571 - Integrated Software Packages for the Classroom 3 credits
- ELED 671 - Examination, Utilization, and Evaluation of Educational Microcomputer Software 3 credits
- ELED 672 - Microcomputer Practicum for Classroom Teachers 3 credits

Culminating Experience:

All students are required to complete a culminating practicum experience
- CIMT 793 - Supervised Field Work 1-3 credits (Students on the MS Educational Technology program are required to take 3 credit hours to complete the practicum)

Note:

In general, one-half of the credit hours must be in courses numbered 600 or above.

Note:

Courses in the 500 series are open to undergraduates as *400 series. Graduate students are required to do additional work of a research nature. A course taken at the 400 level may not be repeated at the 500 level.
Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: English

English-Specialization in Literature M.A. (33 credits minimum)
CIP Code: 230101 Major Code: 1072

Brief Summary:

We are combining our two MA programs (Writing and Literature) into one program and creating two concentrations (Writing and Literature). These programs were recommended for reorganization under prioritization. The proposed change does not require any curricular revisions since the two programs have a common core. The combined enrollment will be approximately 30. A proposal for the elimination of the Writing program accompanies this proposal.

Student Learning:

This change is the result of Prioritization review and the Registar's review of program codes for ICHE. It does not affect the curriculum or student learning. An assessment plan and findings are in TaskStream.

Proposed Catalog Copy:

English-Specialization in Literature M.A. (33 credits minimum)
CIP Code: 230101 Major Code: 1072

Core Courses: 15 credits

Research and Theory:
 ENG 600 Bibliography and Research Methods in English 3 credits
ENG 635 - Literary Theory and Criticism 3 credits

600-level course in American Literature—3 credits
600-level course in British literature before 1800—3 credits
 600-level course in British literature since 1800—3 credits

Choose one of the following concentrations:

Concentration in Literature: 18 credits

Directed Electives: 6-9 credits of electives in literature.

Additional Electives: At least 6 credits of additional electives either in literature or outside the area of concentration, or a combination. May be taken through other departments and programs when approved by the Director of Graduate Studies in English.

Culminating Experience:

Choose one of the following:

ENG 692 - Master's Paper 3 credits
ENG 699 - Master's Thesis 6 credits

Concentration in Writing: 18 credits

Directed Electives: 12-15 credits of electives in composition/rhetoric, creative writing, or technical writing. Students whose culminating experience is a work of creative writing must take a creative writing workshop in at least two of the following genres: poetry, fiction, creative non-fiction.

Choose one of the following:

ENG 692 - Master's Paper 3 credits
ENG 698 - Creative Project 3-6 credits
ENG 699 - Master's Thesis 6 credits

Other Requirements:

All graduate students in English must have reading knowledge of one classical or modern language approved by the Director of Graduate Studies in English. This requirement may be met by completing at the undergraduate level at least 12 semester hours in the language, or by passing a foreign language proficiency examination.

Note:
No more than 6 hours of transfer credit will be accepted for this program
Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Mathematics and Computer Science

Computer Science M.S. (33 credits minimum)
CIP Code 110101 Major Code 3060

Brief Summary:

The changes proposed in the revision will help to make the required courses achieve a better balance between Theory, Systems and Applications.

Student Learning:

In the proposed revision, Advanced Software Engineering and Concurrent Programming are required courses. These courses will better prepare the students for employment.

Proposed Catalog Copy:

Computer Science M.S. (33 credits minimum)
CIP Code 110101 Major Code 3060

Required Courses (15 credits):

CS 620 - Advanced Theory of Computation 3 credits
CS 621 - Advanced Discrete Structures 3 credits
CS 652 – Advanced Software Engineering 3 credits
CS 658 - Advanced Algorithms 3 credits
CS 670 – Concurrent Programming 3 credits

Culminating Research Experience (3 credits):

CS 695 - Computer Science Research 3 credits

Electives (15 credits):

15 credits of graduate level Computer Science or Mathematics course work approved by the student's advisor.
Effective term: Fall 2012

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Advanced Practice Nursing

Nursing M.S. (35-48 credits)
CIP Code: 5116 Major Code:

Brief Summary:

Previous course proposal for NURS 671 changed variable credit hours to 4 credit hours. This changed the overall program/concentration hours required from 32-38 to 35-38 hours.

In addition, NURS 667, which is part of the Nursing Administration concentration, is not currently listed in the catalog as part of that program. It has always been part of the concentration specific courses and is currently on the program of study for that concentration.

Student Learning:

N/A

Proposed Catalog Copy:

Nursing M.S. (35-51 credits)
CIP Code: 5116 Major Code:

Nursing Administration Concentration

Course Work and Practica (14 credits):

- NURS 651- Theories of Healthcare Administration 3 credits
- NURS 652- Financial Management for Healthcare Managers 3 credits
- NURS 671- Administrative Practices in Healthcare Administration 4 credits
- NURS 667- Nursing Informatics 4 credits

Effective term: Fall 2012

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Advanced Practice Nursing

Nursing M.S. (ADMISSION REQUIREMENTS)

CIP Code: 5116 Major Code:

Proposed Catalog Copy:

ADMISSION REQUIREMENTS
Eligible applicants must meet University admission criteria and the following Nursing Program admission criteria:

1. A baccalaureate degree in nursing from a college or university accredited by the National League for Nursing Accrediting Commission or equivalent accreditation association.
2. Current registered nurse licensure or equivalent in the geographic location where the student will be doing his/her preceptorship or clinical practicum.
3. Three letters of reference including at least one academic and one professional reference.
4. Personal statement of professional goals that describes the student's leadership and community service as an R.N.
5. Minimum grade point average of 3.0 on a 4.0 scale for undergraduate course work*.
6. Evidence of the equivalent of one year of full-time work experience as a registered nurse before entering a clinical or role course.
7. Passport photo
8. A National Criminal Background Check. The student may be denied admission based on the criminal background check information.
9. TOEFL score of 550 or greater, if English is not the primary language spoken.

Effective term: Fall 2012

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Applied Health Sciences

Health Sciences M.S. (39 credits)
CIP Code: 511504 Major Code:

Brief Summary:

The Department of Applied Health Sciences is proposing adding a concentration to the Health Sciences Master's degree, Public Health Nutrition. The program is designed to meet the needs of

Registered Dieticians (RD) and Public Health professionals who want to pursue an advanced degree. This program provides RDs with the option of pursuing an advanced degree in the public health arena. It provides RDs with the competencies to be effective in working with individuals and communities in promoting healthy dietary intakes. In addition, the degree also prepares public health professionals who want to work in the obesity and chronic disease management area with the knowledge and skills to be successful.

The program will have two tracks. One track will be for students who are already registered dietitians and the second track will be for students with a health promotion / public health undergraduate degree.

Student Learning:

Program Student Outcomes:
• Students demonstrate professional communication proficiencies.
• Students engage in and meaningfully contribute to diverse and complex communities and professional environments.
• Students recognize and act on professional and ethical challenges that arise in their field or discipline.
• Students achieve mastery of the knowledge required in their discipline or profession.
• Students achieve mastery of the skills (including using appropriate tools) required in their discipline or profession.

Proposed Catalog Copy:

Health Sciences M.S. (39-45 credits)
CIP Code: 511504 Major Code:

MA/MS Public Health (39-45 credits)

The Master's degree concentration in Public Health provides a general mastery of public health beyond that of the undergraduate level. It is particularly recommended for those students who wish to advance in their career beyond entry-level positions, who wish to assume additional organizational responsibilities, or who wish to pursue a doctorate degree. General requirements include an internship and a thesis.

The concentration in Public Health Nutrition is designed to meet the needs of Registered Dietitians and Public Health professionals who want to work with individuals and communities to promote healthy dietary intake. It also prepares public health officials who want to work in the obesity and chronic disease management area. Within the concentration, there is a track for Registered Dietitians and a second track for those with a health promotion/public health undergraduate degree.

Core Classes (27 credits)
AHS 601 – Research Methodology in Health Sciences 3 credits
AHS 602 – Introduction to Community Health Promotion 3 credits
AHS 604 – Research Design and Data Analysis in Health and Human Performance 3 credits
AHS 612 – Epidemiology 3 credits

AHS 617 – Health Behavior Theories 3 credits
AHS 619 – Seminar: Advanced Health Program Planning and Coordination 3 credits
AHS 628 – Seminar: Advanced Program Evaluation in Health Promotions 3 credits
AHS 699 – Master's Thesis 6 credits

Public Health Concentration (12 credits)
AHS 609 – Applied Communications in Health Professions 3 credits
AHS 614 – Environmental Health 3 credits
HLTH 626 – Supervision and Management in Health Professions 3 credits
AHS 691 – Internship in Community Health Promotion 3 credits

Public Health Nutrition Concentration (12-18 credits)
        Registered Dietitian Track
        AHS 622 – Community Nutrition 3 credits
        AHS 623 – Advanced Nutrition II 3 credits
        AHS 627 – Foods 3 credits
        AHS 629 – Seminar in Nutrition 3 credits

        Non-Registered Dietitian Track
        AHS 201 – Fundamentals of Nutrition 3 credits
        AHS 521 – Nutrition through the Life Cycle 3 credits
        AHS 557 – Food Protection 3 credits
        AHS 622 – Community Nutrition 3 credits
        AHS 627 – Foods 3 credits
        AHS 629 – Seminar in Nutrition 3 credits
Effective term: Fall 2012

COLLEGE OF TECHNOLOGY

Ph.D. Technology Management
CIP Code: 15062 Major Codes: 009563

Brief Summary:

This proposed Program revision reduces the number of credits necessary to graduate with the PhD in Technology Management.

This is a Consortium-based Program includes Indiana State University as the degree granting institution, Bowling Green State University, East Carolina University, North Carolina A & T State University, and the University of Central Missouri. Most students are working professionals taking courses on a part-time basis.

Student Learning:
This revision was based on feedback from students and faculty. In addition, the original 90 credit hour program resulted in a time-to-degree that averaged more than 6.5 years with several outliers running out of time each year. The program has graduated over 70 students in its 13 year history.

Due to the large number of credits required in the specialization area and the lack of flexibility or electives in the original Program, Consortium members as well as ISU faculty meet for more than a year to discuss the reduction of credit hours. The resulting proposed Program curriculum revision is the result of difficult decisions by faculty who are content-specialists. Each specialization area discussion was led by a Lead faculty member who worked with colleagues and Campus Coordinators and the program Director. In addition, a maximum of 21 credits from an earned master's degree will actually lower the number of required courses. The proposed revised Program was approved by the Consortium Council on June 28, 2010.

Student learning and Program effectiveness will be increased as a result of this revised Program. Specialization faculty reported that content within a specialization will be delivered in a more efficient fashion by reducing the number of courses to six per specialization. The existence of an approved elective will enable students to increase the focus of their study leading up to their dissertation. In addition, the elimination of a technology core course in strategic planning reflects the changing trends in master-level programs which have adopted this course , or one very similar, to their curriculum. The improved effectiveness of the proposed revised Program is anticipated to reduce the time-to-degree of this Program to the national average of technology management doctoral programs with part-time students to 4.5 years.

Proposed Catalog Copy:

Ph.D. Technology Management (83 credits)
CIP Code: 15062 Major Codes: 009563

The Ph.D. in Technology Management Program is approved for offering through a consortium of universities making extensive use of the Internet delivery system. It is a virtual organizational concept recognizing the role of each member university. Procedures for graduation are defined on the Web site.

Indiana State University is the degree awarding university. The doctoral degree candidate must complete all requirements within nine years of admission, and six years after admission to candidacy. Application for graduation must be made after completion of:

1. All course requirements as defined in the student program of studies.
2. Completion of a dissertation and defense of the dissertation before the dissertation committee.
3. Electronic copy of the dissertation with the College of Graduate and Professional Studies at Indiana State.
4. Recommended for the degree by the consortium university coordinator, the director of the Ph.D. in Technology Management Program, and the dean of the College of Graduate and Professional Studies at Indiana State University.
5. Pay the graduation fee including the cost of the doctoral hood, all costs for publication of the dissertation.

Participation in the graduation ceremony is the choice of the graduating student and may occur at Indiana State University and/or at the consortium university of choice.

A minimum of 83 credits of approved graduate credit, including dissertation, is required. Successful completion of proficiency examinations in research tools, preliminary examinations, residency, dissertation, and defense of the dissertation are also required to earn the Ph.D. The program planning committee for each student recommends the program of studies and the use of previously taken course work acceptable to the program. A maximum of 21 hours of an earned master's degree may be transferred pursuant to the policies outlined in the Graduate Catalog. Approved consortium university courses are not considered transfer, but as consortium credits. Courses for general Technology Core, Research and Dissertation, and Technical Specialization areas are intended to be taken from ISU and Consortium partners. Program study areas are:

General Technology Core (12 credits):

The General Technology Core is designed to provide conceptual framework for studies in technology. This core emphasizes the relationship of technology to the societal context from which it operates.

Research Core and Dissertation (a minimum of 27 credits):

The research core is composed of course work in research design, methodology, and statistical analysis. A dissertation (18 credits) requiring original research on technology is required.

Technical Specialization (a minimum of 18 credits):

Technical specializations are currently available in five areas including manufacturing systems, construction management, quality systems, digital communications, and human resource development and industrial training.

Electives (a minimum of 9 credits):

Studies can be outside of the normal area of studies in technology.
Effective term: Fall 2012

COLLEGE OF TECHNOLOGY: Electronics and Computer Engineering Technology

Electronics and Computer Technology M.S. (32 credits)
CIP Code: 150303 Major Code: 06 E960 MS

Brief Summary:

The graduate faculty of the MS in Electronics & Computer Technology (MS-ECT) program have determined a need to update the program to make our graduates more marketable and to incorporate an information technology component to the program. These revisions are based on input from discussions with graduates of the current program and from meeting with our industrial advisory board.
The intent is to create concentrations within the degree to allow students to better show that their program of study was more targeted to an area of technical specification, rather than a more

general area of technology as is now the case. Comments from industry and graduating students indicate that this would better position graduates to meet the expectations of employers seeking to hire graduates with a MS degree, or to advance to a higher level within their current situation. The program revision, with one exception, uses existing courses and would require no extra resources to implement.

One change is a 1 credit hour increase in the program from 32 to 33. Previously, ECT 679 could be offered by the Department as either a 2 or a 3 credit hour elective course. In the new curriculum it will be offered only as a 3 credit hour Core Course.

Student Learning:

Interviews with graduating students and discussions with the Department's industrial advisory committee have shown that the current job market is focused more towards graduates who have more focused skills in the area of electronics and computer technology. The existing program has always shown a specialization in automation and control systems, but this was not expressly stated in the program description. By stating the concentration in Automation and Controls the graduate's skills will be more prominently stated, increasing their marketability in the field.

The creation of concentrations will allow the addition of the information technology related courses to gathered into a separate program of study. This will make the MS-ECT available to a new market of IT professionals who might otherwise be put off by requirements of the engineering technology courses listed in the curriculum.

Proposed Catalog Copy:

Electronics and Computer Technology M.S. (33 credits)
CIP Code: 150303 Major Code: 06 E960 MS

The Electronics and Computer program consists of two concentrations in which applicants can focus their graduate study. The concentrations are Automation and Controls, and Information Technology.

In addition to the admission standards previously cited, applicants to the Automation and Controls concentration are expected to have completed an undergraduate major in computer technology or electronics (with courses related to computer interfacing, process control technology, machinelevel languages, instrumentation, electrical power, or electronics application and design) and possess an appropriate working knowledge of mathematics and science.

Applicants to the Information Technology concentration are expected to have completed an undergraduate major in information technology, computer science, computer technology, or electronics with courses in digital systems and computer interfacing.

Prospective students who have completed undergraduate programs in areas unrelated to areas appropriate to their concentration may request evaluation of their programs of preparation for identification of deficiencies, the removal of which would enable them to enroll in the core courses (i.e. satisfy course prerequisites that may exist).

Graduate study in electronics and computer technology is designed for persons preparing for career advancement or improvement in automation, information systems, or related support areas.

With a 33 credit hour minimum, the curriculum is intended to provide a rigorous and

individualized program that accommodates the previous experiences, education, and interests of degree candidates. For earning a master's degree, the curriculum sequence includes three program phases concerning the "content," "application," and "integration" of related knowledge, theory, and skill.

Content (21-24 credits):

During this preliminary program phase, students, through completion of 21-24 credit hours of study, are expected to acquire or improve competencies relating to advanced electronics, industrial control, and computer technology.

Research (3 credits):
• ECT 698 - Research in Electronics and Computer Technology 3 credits

Core (6 credits):
• ECT 537 - Industrial Computer Systems Management 3 credits
• ECT 679 - Problems in Electronics and Computer Technology 3 credits

Required Major Courses (9 credits):

Automation & Controls Concentration: Choose from the following:
• ECT 542 - Electronic Control Systems 3 credits
• ECT 623 - Analog Based System Design and Development 3 credits
• ECT 634 - Automated Systems Integration 3 credits
• ECT 642 - Microcomputer Based Process Control Technology 3 credits
• ECT 661 - Robotic Electronic Controls 3 credits
• ECT 663 - Theory of Electronic Control 3 credits

Information Technology Concentration: Choose from the following:
• ECT 631 - Local Area Networks 3 credits
• ECT 633 - Information Security Management 3 credits
• ECT 635 - Network Sevice Administration 3 credits

Major Electives (3-6 credits):
• As approved by advisor.

Electives outside the department (6-9 credits):
• As approved by advisor.

Culminating experience:
The following course must be completed during the last semester of course work or after completing 24 credit hours of the approved program of study:
• ECT 680 - Seminar: Analysis of Technical Systems 3 credits

Note:
At least one-half of the credit hours must be in courses numbered at the 600 level or above.

Note:
Courses in the 500 series are open to undergraduates as *400 series. Graduate students are required to do additional work of a research nature. A course taken at the 400 level may not be repeated at the 500 level.

Effective term: Fall 2012

PROGRAM ELIMINATIONS

COLLEGE OF ARTS AND SCIENCES: English

English–Specialization in Writing M.A. (33 credits minimum)
CIP Code: 230101 Major Codes: 1073

Brief Summary:

We are combining our two MA programs (Writing and Literature) into one program and creating two concentrations (Writing and Literature). These programs were recommended for reorganization under prioritization. Therefore, this major code is being eliminated.
Effective term: Fall 2012

BAYH COLLEGE OF EDUCATION: Curriculum, Instruction, and Media Technology

Educational Technology M.S. (33 credits minimum)
Library Media Specialization
CIP Code: 8389 Major Code: 130501

Brief Summary:

The confluence of licensing changes for school library media services (SLMS) personnel and the economic downturn as it has played out in the funding of public schools and libraries has contributed to cutbacks in employment opportunities for librarians. These, in turn, have negatively impacted admissions to our school library media services programs. Furthermore, the loss of employment opportunities has negatively impacted the number of current students willing to complete our programs. The outlook for the foreseeable future is bleak; moreover, competition has become increasingly difficult against larger institutions able to offer a master of library science (MLS) degree in addition to the teacher license. Obviously, once robust admissions and enrollments have declined sufficiently making it no longer cost effective to maintain the programs.

For the current academic year, we have admitted only six students for all library media programs (M.S. in Educational Technology with Library Media specialization, Non-degree SLMS licensure, and Public Librarian Level IV). We do have 44 current admits: 18 are in the M.S. Educational Technology with Library Media specialization program, 22 are in the Non-degree SLMS licensure program, and four are in the Public Librarian Level IV program. Of these 44 students, 12 students have not yet taken courses with only two students having indicated that courses would be begun in spring 2012. We have an additional 28 students who are currently inactive, not having taken a course since the fall of 2010 or earlier (11 in spring 2010, four in summer II 2010, two in summer I 2010, and five in fall 2010). Students in spring 2010 are on the "cusp" of the two-year readmission requirement.

Given our numbers, the best projection for a "teach out" of the program is given below. The

rationale for the "teach out" reflects student status, enrollment history, and influences of licensing changes and the job market.   It is believed that all students who wish to complete may be accommodated in this fashion.

Projected enrollments for teach out

Courses	606	509	512	513	522	543	631	656	659
Completed courses/44 – All programs	26	21	28	16	21	21	16	13	2
Remaining enrollment for total current admits	18	23	16	28	23	23	28	31	42
Projected actual enrollment subtracting "no courses taken"	6	11	4	16	11	11	16	19	30
Projected # sections needed/ 1 per semester	1	2	1	2	2	2	2	2	3

Projected offerings – teach out by Spring 2013

	606	509	512	513	522	*543	631	656	659
Sections needed	1	2	1	2	2	2	2	2	3
Spring 2012		X		X		X	X		X
Summer I, 2012		X		X		X			X
Summer II, 2012									
Fall 2012	X				X	X	X	X	
Spring 2013			X		X	X		X	X

*543 is used in the Ed Tech specialization as well; this course is not influenced by the closures

Effective term: Fall 2012

BAYH COLLEGE OF EDUCATION: Curriculum, Instruction, and Media Technology

Library Media Additional License (27 credits)
CIP Code: 8395 Major Code: 130501

Brief Summary:

The confluence of licensing changes for school library media services (SLMS) personnel and the economic downturn as it has played out in the funding of public schools and libraries has contributed to cutbacks in employment opportunities for librarians. These, in turn, have negatively impacted admissions to our school library media services programs. Furthermore, the loss of employment opportunities has negatively impacted the number of current students willing to complete our programs. The outlook for the foreseeable future is bleak; moreover, competition has become increasingly difficult against larger institutions able to offer a master of library science (MLS) degree in addition to the teacher license. Obviously, once robust admissions and enrollments have declined sufficiently making it no longer cost effective to maintain the programs.

For the current academic year, we have admitted only six students for all library media programs (M.S. in Educational Technology with Library Media specialization, Non-degree SLMS licensure, and Public Librarian Level IV). We do have 44 current admits: 18 are in the M.S. Educational Technology with Library Media specialization program, 22 are in the Non-degree SLMS licensure program, and four are in the Public Librarian Level IV program. Of these 44

students, 12 students have not yet taken courses with only two students having indicated that courses would be begun in spring 2012. We have an additional 28 students who are currently inactive, not having taken a course since the fall of 2010 or earlier (11 in spring 2010, four in summer II 2010, two in summer I 2010, and five in fall 2010). Students in spring 2010 are on the "cusp" of the two-year readmission requirement.

Given our numbers, the best projection for a "teach out" of the program is given below. The rationale for the "teach out" reflects student status, enrollment history, and influences of licensing changes and the job market.   It is believed that all students who wish to complete may be accommodated in this fashion.

Projected enrollments for teach out

Courses	606	509	512	513	522	543	631	656	659
Completed courses/44 – All programs	26	21	28	16	21	21	16	13	2
Remaining enrollment for total current admits	18	23	16	28	23	23	28	31	42
Projected actual enrollment subtracting "no courses taken"	6	11	4	16	11	11	16	19	30
Projected # sections needed/ 1 per semester	1	2	1	2	2	2	2	2	3

Projected offerings – teach out by Spring 2013

	606	509	512	513	522	*543	631	656	659
Sections needed	1	2	1	2	2	2	2	2	3
Spring 2012		X		X		X	X		X
Summer I, 2012		X		X		X			X
Summer II, 2012									
Fall 2012	X				X	X	X	X	
Spring 2013			X		X	X		X	X

*543 is used in the Ed Tech specialization as well; this course is not influenced by the closures

Effective term: Fall 2012

BAYH COLLEGE OF EDUCATION: Curriculum, Instruction, and Media Technology

Public Librarian IV Certificate (15 credits)
CIP Code: 8396 Major Code: 130301

Brief Summary:

The confluence of licensing changes for school library media services (SLMS) personnel and the economic downturn as it has played out in the funding of public schools and libraries has contributed to cutbacks in employment opportunities for librarians. These, in turn, have negatively impacted admissions to our school library media services programs. Furthermore, the loss of employment opportunities has negatively impacted the number of current students willing to complete our programs. The outlook for the foreseeable future is bleak; moreover, competition has become increasingly difficult against larger institutions able to offer a master of library science (MLS) degree in addition to the teacher license. Obviously, once robust admissions and enrollments have declined sufficiently making it no longer cost effective to

maintain the programs.

For the current academic year, we have admitted only six students for all library media programs (M.S. in Educational Technology with Library Media specialization, Non-degree SLMS licensure, and Public Librarian Level IV). We do have 44 current admits: 18 are in the M.S. Educational Technology with Library Media specialization program, 22 are in the Non-degree SLMS licensure program, and four are in the Public Librarian Level IV program. Of these 44 students, 12 students have not yet taken courses with only two students having indicated that courses would be begun in spring 2012. We have an additional 28 students who are currently inactive, not having taken a course since the fall of 2010 or earlier (11 in spring 2010, four in summer II 2010, two in summer I 2010, and five in fall 2010). Students in spring 2010 are on the "cusp" of the two-year readmission requirement.

Given our numbers, the best projection for a "teach out" of the program is given below. The rationale for the "teach out" reflects student status, enrollment history, and influences of licensing changes and the job market. It is believed that all students who wish to complete may be accommodated in this fashion.

Projected enrollments for teach out

Courses	606	509	512	513	522	543	631	656	659
Completed courses/44 – All programs	26	21	28	16	21	21	16	13	2
Remaining enrollment for total current admits	18	23	16	28	23	23	28	31	42
Projected actual enrollment subtracting "no courses taken"	6	11	4	16	11	11	16	19	30
Projected # sections needed/ 1 per semester	1	2	1	2	2	2	2	2	3

Projected offerings – teach out by Spring 2013

	606	509	512	513	522	*543	631	656	659
Sections needed	1	2	1	2	2	2	2	2	3
Spring 2012		X		X		X	X		X
Summer I, 2012		X		X		X			X
Summer II, 2012									
Fall 2012	X				X	X	X	X	
Spring 2013			X		X	X		X	X

*543 is used in the Ed Tech specialization as well; this course is not influenced by the closures

Effective term: Fall 2012

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Advanced Practice Nursing

Nurse Practitioner Family Nurse Practitioner Post-Master's Certificate (22-27 credits)
CIP Code: 5116 Major Codes:

Brief Summary:

All Post-Master's students that desire preparation as a Family Nurse Practitioner are directed to take the Family Nurse Practitioner Post-Master's certificate regardless of previous experience. Students are given credit for clinical hours, not course work credit. Clinical courses that were previously part of the Nurse Practitioner Family Nurse Practitioner Post-Master's Certificate have been eliminated, however, the certificate itself was not previously eliminated.

Effective term: Fall 2012

CORRECTIONS

The following corrections are reflected in *bold and italics:

This was inadvertently left off the list of approvals in the 1/30/12 Academic Notes.

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Applied Health Sciences

CHANGE PREFIX FROM FCS   TO AHS

FCS 226   Fundamentals of Foods   AHS 226

A-F Grading
Effective term: Fall 2012