



Academic Notes

February 20, 2012

AN 2011-2012

FIELD TRIPS

UNIVERSITY HONORS PROGRAM AND THE DEPARTMENT OF HISTORY

Students from Honors 301: Medieval Chivalry and History 353: Medieval History will be traveling to London, UK March 2-11. This is a course based short-term travel seminar. A list of participating students will be on file in the office of Dr. John Murray, Dean of the College of Arts and Sciences.

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 Deadline for Items 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

<u>Deadline for Items</u>	<u>Issue Date</u>
February 15	February 27
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

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UNDERGRADUATE PROPOSALS

NEW COURSES

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

CHEM 321L - Analytical Chemistry Laboratory

1 credit

A series of laboratory-based experiments that provide students hands-on experience with the application of fundamental analytical chemistry laboratory techniques.

Prerequisites: CHEM 106, 106L, and concurrent enrollment in CHEM 321.

A-F Grading

Effective term: Fall 2012

CHEM 330L - Survey of Biochemistry Laboratory

1 credit

A series of laboratory-based experiments that provide students hands-on experience in the isolation, separation, and identification of biological molecules, including carbohydrates, lipids, amino acids, peptides, proteins, and enzymes.

Prerequisites: CHEM 104 and 104L, or CHEM 352 and 352L, and concurrent enrollment in CHEM 330.

A-F Grading

Effective term: Fall 2012

CHEM 421L - Instrumental Methods of Analysis Laboratory

1 credit

A series of experiments that provide students hands-on experience with a variety of advanced

analytical instruments, their components, and their functions.

Prerequisites: CHEM 321, 321L, and concurrent enrollment in CHEM 421.

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

A-F Grading

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Communication

COMM 328 - Health Communication Theory

3 credits

Course surveys communication theories used in health care contexts, including doctor/patient communication, public health campaigns, and cultural constructions of illness and health.

Prerequisite: COMM 204, 312

A-F Grading

Effective term: Fall 2012

COMM 381 - Political Communication

3 credits

The course examines the theory and practice of political communication through the frame of relevant topics. Students engage questions focused on the production of the space of civic life, the enactment of citizenship, and the creation of political narratives.

Note: This course satisfies a requirement in the Communication and Culture concentration and/or counts as an elective in the major.

A-F Grading

Effective term: Fall 2012

COMM 423 – Video Editing

3 credits

This course involves students in the theoretical and practical work of digital editing in a multimedia environment.

Prerequisites: COMM 220, 320

A-F Grading

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Mathematics and Computer Science

MATH 494 – Mathematics Senior Seminar

1 credit

In this capstone course, students will combine material from previous classes with independent work in an area chosen in cooperation with the faculty. The course involves work with research information from various sources and culminates in a short paper and presentation summarizing the chosen material.

Prerequisites: C or better in MATH 380 and senior standing with a major in Mathematics.

A-F Grading

Effective term: Fall 2012

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

CHEM 300 - Seminar in Chemistry

1 credits

A series of presentations by speakers in the fields of chemistry and physics from academia and industry, and discussion of a variety of chemistry-related topics. This course is not repeatable.

Prerequisites: Sophomore standing or higher.

Change prerequisites to:

CHEM 300 - Seminar in Chemistry

1 credits

A series of presentations by speakers in the fields of chemistry and physics from academia and industry, and discussion of a variety of chemistry-related topics. This course is not repeatable.

Prerequisites: CHEM 351

A-F Grading

Effective term: Fall 2012

CHEM 321 - Analytical Chemistry

4 credits

An introduction to the principles and practices of quantitative analytical chemistry. The course covers the fundamentals of statistical data analysis, application of chemical equilibria to gravimetry and titrimetry, electrochemistry, chemical separations, and spectroscopy.

Prerequisites: 106, 106L.

Note: Three class hours and three laboratory hours per week.

Change credits and prerequisites to:

CHEM 321 - Analytical Chemistry

3 credits

An introduction to the principles and practices of quantitative analytical chemistry. The course covers the fundamentals of statistical data analysis, application of chemical equilibria to gravimetry and titrimetry, electrochemistry, chemical separations, and spectroscopy.

Prerequisites: CHEM 106, 106L, and concurrent enrollment in CHEM 321L.

A-F Grading

Effective term: Fall 2012

CHEM 330 - Survey of Biochemistry

4 credits

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

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

Note: Three lecture hours and three laboratory hours per week.

Change credits and prerequisites to:

CHEM 330 - Survey of Biochemistry

3 credits

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

Prerequisites: CHEM 104 and 104L, or CHEM 352 and 352L, and concurrent enrollment in

CHEM 330L.

A-F Grading

Effective term: Fall 2012

CHEM 421 - Instrumental Methods of Analysis

4 credits

Principles and applications of instrumental analytical chemistry, including signal and noise analysis, design and application of atomic and molecular spectroscopic and mass spectrometric instrumentation, and chromatographic methods of separation are discussed.

Prerequisites: CHEM 321.

Note: Three class hours and three laboratory hours per week. Open to graduate students.

Graduate students are required to do additional work of a research nature.

Change credits to:

CHEM 421 - Instrumental Methods of Analysis

3 credits

Principles and applications of instrumental analytical chemistry, including signal and noise analysis, design and application of atomic and molecular spectroscopic and mass spectrometric instrumentation, and chromatographic methods of separation are discussed.

Prerequisites: CHEM 321, 321L, and concurrent enrollment in 421L.

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

A-F Grading

Effective term: Fall 2012

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

FCS 221 - Introduction to Nutrition

3 credits

Relationship of food intake to nutritional status; scientific basic for determination of nutrient requirements and interrelationships of nutrients; includes nutrients needed for energy production, tissue synthesis, and regulatory functions.

Prerequisites: CHEM 103 and 104 or equivalent.

Change prefix, title to:

AHS 221 - Principles of Human Nutrition

3 credits

Relationship of food intake to nutritional status; scientific basic for determination of nutrient requirements and interrelationships of nutrients; includes nutrients needed for energy production, tissue synthesis, and regulatory functions.

Prerequisites: CHEM 103 and 104 or equivalent

A-F Grading

Effective term: Fall 2012

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

FIN 440 - Financial Institutions

3 credits

The institutional structure of the financial system. Surveys both the public and private sectors of our money and credit economy. Emphasis placed on understanding the impact of the commercial banking system, financial intermediaries, and public finance needs upon the conduct of business finance.

Prerequisites: BUS 311 and ECON 321.

Change prerequisites to:

FIN 440 - Financial Institutions

3 credits

The institutional structure of the financial system. Surveys both the public and private sectors of our money and credit economy. Emphasis placed on understanding the impact of the commercial banking system, financial intermediaries, and public finance needs upon the conduct of business finance.

Prerequisites: BUS 311.

A-F Grading

Effective term: Fall 2012

SCOTT COLLEGE OF BUSINESS: Marketing and Operations**BUS 205 - Business Statistics I**

3 credits

An introductory business statistics course. Topics include graphical concepts, measures of central tendency and dispersion, basic probability concepts, random variables, central limit theorem, and hypothesis testing and confidence intervals. Learning is assisted by statistical software applications. The emphasis is on problem solving for decision making.

Prerequisites: BUS 180; and Math 115 or a calculus course

Change prerequisites to:

BUS 205 - Business Statistics I

3 credits

An introductory business statistics course. Topics include graphical concepts, measures of central tendency and dispersion, basic probability concepts, random variables, central limit theorem, and hypothesis testing and confidence intervals. Learning is assisted by statistical software applications. The emphasis is on problem solving for decision making.

Prerequisites: BUS 180; and Math 115 or Math 131.

A-F Grading

Effective term: Fall 2012

BUS 305 - Business Statistics II

3 credits

This course continues the coverage of mathematical and statistical concepts begun in 205. Students place an emphasis on problem solving for decision making as they cover applications of calculus, linear and multiple regression, forecasting methods, and decision analysis. Students will use spreadsheets and statistical software. Timely and topical applications will be incorporated in this class.

Prerequisites: BUS 205.

Change prerequisites to:

BUS 305 - Business Statistics II

3 credits

Continues the coverage of concepts begun in BUS 205. Topics include ANOVA, linear and multiple regression, forecasting methods, applications of calculus, and decision analysis. Learning is assisted by statistical software applications. The emphasis is on problem solving for decision making.

Prerequisites: BUS 205 and Math 115 or a calculus course.

A-F Grading

Effective term: Fall 2012

BUS 311 - Business Finance

3 credits

The methods utilized by corporations in securing and utilizing capital, capital structure, and characteristics of alternative forms of capital.

Prerequisites: Completion of the prebusiness requirements. BUS 305, Business Statistics II, is a co-requisite of BUS 311 (BUS 305 must be taken prior to or concurrently with BUS 311).

Change prerequisites to:

BUS 311 - Business Finance

3 credits

The methods utilized by corporations in securing and utilizing capital, capital structure, and characteristics of alternative forms of capital.

Prerequisites: Admitted to the Scott College of Business; BUS 202; ECON 201; BUS 305.

A-F Grading

Effective term: Fall 2012

BUS 321 - Introduction to Management Information Systems

3 credits

A survey of the field of information systems within the business context with emphasis in system analysis and design, the strategic use of information systems, e-business, decision support, telecommunications management, data management, information systems architectures, and the management of end-user computing.

Prerequisites: Completion of the prebusiness requirements. BUS 305 is a co-requisite of BUS 321 (BUS 305 must be taken prior to or concurrently with BUS 321).

Change number and prerequisites to:

BUS 221 - Introduction to Management Information Systems

A survey of the field of information systems within the business context with emphasis in system analysis and design, the strategic use of information systems, e-business, decision support, telecommunications management, data management, information systems architectures, and the management of end-user computing.

Prerequisites: BUS 100, 180.

A-F Grading

Effective term: Fall 2012

BUS 351 - Introduction to Operations Management

3 credits

A managerial decision making approach to the study of the design, operation, and control of the

production function.

Prerequisites: Completion of the prebusiness requirements. BUS 305 is a co-requisite of BUS 351 (BUS 305 must be taken prior to or concurrently with BUS 351).

Change description and prerequisites to:

BUS 351 - Introduction to Operations Management

3 credits

This course is designed to give an introductory survey of the management of a business' operations function, covering the design, planning, and control of manufacturing and service operations.

Prerequisites: Admitted to the Scott College of Business; BUS 202; ECON 201; BUS 305.

A-F Grading

Effective term: Fall 2012

BUS 361 - Principles of Marketing

3 credits

Survey of the entire field of marketing. Emphasis on the areas of products, pricing, distribution, and promotion.

Prerequisites: Completion of the prebusiness requirements. BUS 305 is a co-requisite of BUS 361 (BUS 305 must be taken prior to or concurrently with BUS 361).

Change prerequisites to:

BUS 361 - Principles of Marketing

3 credits

Survey of the entire field of marketing. Emphasis on the areas of products, pricing, distribution, and promotion.

Prerequisites: Admitted to the Scott College of Business; BUS 202; ECON 201.

A-F Grading

Effective term: Fall 2012

BUS 371 - Management and Organizational Behavior

3 credits

Overview of the management processes and functions in organizations, including a study of the behavior of individuals in organizations, interpersonal communications, and organizational theory. An appreciation of the role of management in an organization's success.

Prerequisites: Completion of the prebusiness requirements. BUS 305 is a co-requisite of BUS 371 (BUS 305 must be taken prior to or concurrently with BUS 371).

Change prerequisites to:

BUS 371 - Management and Organizational Behavior

3 credits

Overview of the management processes and functions in organizations, including a study of the behavior of individuals in organizations, interpersonal communications, and organizational theory. An appreciation of the role of management in an organization's success.

Prerequisites: Admitted to the Scott College of Business; BUS 202; ECON 201.

A-F Grading

Effective term: Fall 2012

COURSE BANKING

COLLEGE OF ARTS AND SCIENCES: Communication

COMM 105 History of Free Speech in Decision Making – 3 credits
COMM 110 Media and Popular Culture – 3 credits
COMM 260 Introduction to Advertising – 3 credits
COMM 266 Oral Interpretation of Children’s Literature – 3 credits
COMM 304 Communication Theory – 3 credits
COMM 308 Literature and Public Life – 3 credits
COMM 331 Advanced Television Production and Directing – 3 credits
COMM 337 Broadcast Journalism – 3 credits
COMM 339 Media Organizations – 3 credits
COMM 371 Advanced Photojournalism – 3 credits
COMM 416 Cross-Cultural Communication – 3 credits
COMM 437 Computer Aided Publishing – 3 credits
COMM 460 History of Rhetorical Communication – 3 credits
COMM 466 Public Relations Case Analysis – 3 credits
COMM 470 Public Relations Campaign Planning – 3 credits
COMM 489 Individual Projects – 3 credits
COMM 495 Senior Capstone Experience in Communication – 3 credits
Effective term: Fall 2012

COURSE ELIMINATIONS

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

CHEM 400 - Senior Seminar

Effective term: Fall 2013

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

Chemistry Major (69 or 75 credits, including extra-departmental requirements)

CIP Code: 400501 Major Code: 0421

Brief Summary:

We propose to replace CHEM 400 (Senior Seminar; 1 credit) with CHEM 405 (Senior Seminar in Chemistry; 1 credit) as a required course within the Chemistry Core Curriculum for all senior chemistry majors. CHEM 405 is a new course that is substantially different from CHEM 400 in that it provides majors with a culminating experience in chemistry in which they perform a semester-long, comprehensive literature research project on a topic in a specific sub-discipline of chemistry. Also, the department has reduced the credits for 4 credit Chemistry courses with a lab to 3, and changed the lab course hours from 0 to 1. Those changes are also reflected in this proposal. Physics is also renumbering four courses, which are reflected in this proposal.

Student Learning:

Chemistry is traditionally divided into the broad topics of analytical chemistry, biochemistry,

inorganic chemistry, organic chemistry, and physical chemistry, but there are a great many more sub-disciplines that may only be briefly touched upon in a standard undergraduate chemistry curriculum. While these broad topics form the foundation of the field of chemistry, most modern chemical research is performed within various more specific sub-disciplines. The purpose of CHEM 405 is to ensure that chemistry majors with senior standing gain a more in-depth exposure to several of these sub-disciplines in chemistry and more importantly have a culminating experience by performing a semester-long, comprehensive literature research project in a topic of their choice. This course combines two activities frequently performed by chemists: scientific literature research and presentation of scientific information.

Students in CHEM 405 will also be required to attend all departmental seminars, giving them the opportunity to observe presentations given by scientists performing research in the fields of chemistry and physics from academia, government labs, and industry and learn more about the activities in which professional chemists are engaged.

Another purpose of CHEM 405 is to assist the Department of Chemistry and Physics with its goal of performing student outcomes assessment. The mechanism for this assessment takes the form of a standardized test known as the Major Fields Test. This test consists of two, 50-question, 1-hour, multiple choice tests covering general, biochemical, organic, inorganic, physical, and analytical chemistry.

Proposed Catalog Copy:

Chemistry Major (69 or 75 credits, including extra-departmental requirements)
CIP Code: 400501 Major Code: 0421

Core Curriculum (50 credits):

Required Chemistry:

CHEM 105 - General Chemistry I 3 credits
CHEM 105L - General Chemistry I Laboratory 1 credits
CHEM 106 - General Chemistry II 3 credits
CHEM 106L - General Chemistry II Laboratory 1 credits
CHEM 321 - Analytical Chemistry 3 credits
CHEM 321L – Analytical Chemistry Laboratory 1 credit
CHEM 341 - Inorganic Chemistry 3 credits
CHEM 351 - Organic Chemistry I 3 credits
CHEM 351L - Organic Chemistry Laboratory I 1 credits
CHEM 352 - Organic Chemistry II 3 credits
CHEM 352L - Organic Chemistry Laboratory II 1 credits
CHEM 405 - Senior Seminar in Chemistry 1 credits
CHEM 431 - Biochemistry I 3 credits
CHEM 461 - Physical Chemistry I 4 credits
CHEM 461L - Experimental Physical Chemistry I 1 credits

Required Mathematics:

MATH 131 - Calculus I 4 credits

MATH 132 - Calculus II 4 credits

Required Physics:

PHYS 115 - University Physics I 4 credits

PHYS 115L - University Physics I Laboratory 1 credits

PHYS 116 - University Physics II 4 credits

PHYS 116L - University Physics II Laboratory 1 credits

Approved Advanced Elective Courses:

Chemistry:

Any 300- or 400-level course, with the exception of CHEM 330 and 399.

A maximum of 4 credits of CHEM 499 may be counted.

Biology:

BIO 330 - General Physiology 3 credits

BIO 330L - General Physiology Laboratory 1 credits

BIO 374 - Cellular and Microbial Biology 3 credits

BIO 374L - Cellular and Microbial Biology Laboratory 1 credits

BIO 380 - Genetics 3 credits

BIO 380L - Genetics Laboratory 1 credits

BIO 408 - General Immunology 3 credits

BIO 408L - General Immunology Laboratory 1 credits

BIO 476 - Microbial Physiology 3 credits

BIO 482 - Recombinant DNA 2 credits

BIO 482L - Recombinant DNA Laboratory 2 credits

Mathematics:

MATH 333 - Differential Equations 3 credits

MATH 341 - Probability and Statistics 3 credits

MATH 413 - Linear Algebra I 3 credits

Physics:

Any advanced physics course that carries a prerequisite of 116 or higher.

All students must choose one of the following concentrations along with the core:

American Chemical Society-Certified Concentration (19 credits):

This program is designed for the student who wishes to pursue an advanced degree or career as a professional chemist.

Required Chemistry:

CHEM 340 - Techniques in Inorganic Chemistry 2 credits
CHEM 355 - Organic Chemistry Laboratory Techniques 2 credits
CHEM 421 - Instrumental Methods of Analysis 3 credits
CHEM 421L – Instrumental Methods of Analysis Laboratory 1 credit
CHEM 462 - Physical Chemistry II 4 credits
CHEM 462L - Experimental Physical Chemistry II 1 credits

Electives:

6 credits of advanced course work from approved electives listed above. At least 3 credits must be taken in chemistry.

American Chemical Society-Certified Biochemistry Concentration (25 credits):

This program is designed for the student who wishes to pursue an advanced degree or a career as a professional chemist in the area of biochemistry and the biological sciences.

Required Chemistry:

CHEM 355 - Organic Chemistry Laboratory Techniques 2 credits
CHEM 431L - Biochemistry Laboratory 1 credits
CHEM 432 - Biochemistry II 3 credits

Required Biology:

BIO 101 - Principles of Biology I 3 credits
BIO 101L - Principles of Biology I Laboratory 1 credits
BIO 102 - Principles of Biology II 3 credits
BIO 102L - Principles of Biology II Laboratory 1 credits

Elective Chemistry:

3 credits of advanced course work in chemistry from approved chemistry electives listed above.

Elective Biology (8 credits):

Two of the following three lecture courses with accompanying laboratory:

BIO 330 - General Physiology 3 credits
BIO 330L - General Physiology Laboratory 1 credits
BIO 374 - Cellular and Microbial Biology 3 credits
BIO 374L - Cellular and Microbial Biology Laboratory 1 credits
BIO 380 - Genetics 3 credits
BIO 380L - Genetics Laboratory 1 credits

Preprofessional Concentration (19 credits):

This program is designed for the student who wishes to pursue a career in medicine, dentistry, veterinary science, or other related fields.

Required Chemistry:

CHEM 431L - Biochemistry Laboratory 1 credits

CHEM 432 - Biochemistry II 3 credits

Required Biology:

BIO 101 - Principles of Biology I 3 credits

BIO 101L - Principles of Biology I Laboratory 1 credits

BIO 102 - Principles of Biology II 3 credits

BIO 102L - Principles of Biology II Laboratory 1 credits

Electives:

7 credits of advanced course work from approved electives listed above.

Business Concentration (19 credits):

This program is designed for the student who wishes to pursue a career in marketing, sales, or administration in the chemical or pharmaceutical industry.

Required Chemistry:

CHEM 431L - Biochemistry Laboratory 1 credits

Required Business:

BUS 201 - Principles of Accounting I 3 credits

FIN 200 - Fundamentals of Finance 3 credits

MGT 301 - Survey of Management 3 credits

MKTG 301 - Introduction to Marketing 3 credits

Required Economics:

ECON 200 - Principles of Macroeconomics 3 credits

ECON 201 - Principles of Microeconomics 3 credits

Effective term: Fall 2012

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

Occupational Family and Consumer Sciences Education Major (54 credits)
CIP Code: 1526 Major Code: A234

Brief Summary:

University-wide restructuring of departments has created an opportunity for growth and improvement in the Occupational Family and Consumer Sciences Education program. Joining forces with Health Sciences not only allows access to resources beyond the scope of the program in the past, but it presents a more favorable structure for the program, as well. To make better use of faculty efforts in teaching and supervising teacher-education students, this revision merges Family and Consumer Sciences Education (FACS Ed.) and School Health education methods and early field experiences. In addition, the revision fills gaps in essential content and eliminates outmoded and unnecessary content. Such changes are particularly important as content knowledge is becoming the focus of state standards for beginning teachers in Indiana.

Student Learning:

This program revision will increase student learning and program effectiveness in several ways. To begin, changing the title of the program from “Occupational Family and Consumer Sciences Education” to “Family and Consumer Sciences Education (FACS Ed.)” makes the program much more visible and accessible. The word “occupational” is both unfamiliar and confusing to individuals who are looking for information on the program. Furthermore, inclusion of the word “occupational” is archaic and redundant. It pertains to a teacher licensure system that was discontinued in 2006. Since that time, all FACS Ed. teaching licenses are occupational in nature in Indiana. Finally, FACS Ed. is a widely known and easily recognized acronym nationwide.

The concurrent revision of the Family and Consumer Sciences core courses creates an opportunity to maximize teaching/learning and minimize gaps and overlaps in course content in the FACS Ed. program. The new course AHS 145 Family and Consumer Sciences in School and Community combines the former FCS 107 Contemporary and Historic Perspectives and many elements of FCS 281 Introduction to FCS Education. Doing so provides an early, *integrative* approach to foundations of both the broad discipline of family and consumer sciences and the *practice* of family and consumer sciences education. It also establishes expectations for the students’ professional development, such as attending conferences, participating in key events, and joining professional organizations. In the past, most students did not begin their professional development until their junior year, forcing them to participate in several costly and time-consuming conferences in a short period of time. This core/program revision organizes and unites students in the major in their first semester at ISU, creating a learning community.

AHS 309 Integration of Concepts and Theory replaces FCS 109 Human Systems in FCS. The new core course has two prerequisites -- AHS 237 Child Development and AHS 238 Adolescent Development. AHS 237 Child Development is required in the FAC Ed, program. Adding AHS 238 Adolescent Development to the FACS Ed. program requirements not only meets the prerequisite and prepares students to apply theoretical concepts and principles in AHS 309, it adds an essential body of knowledge to the major curriculum. Students strengthen their knowledge base for both teaching youth about their own development *and* teaching youth in developmentally appropriate ways.

FCS 410 Capstone in Family and Consumer Sciences is eliminated from the program. The capstone experience is supplanted by the Upper-division integrative electives option of completing a discipline-based education degree and one upper-division elective. In addition, the professional development embedded in the FCS capstone is better managed in AHS 480 Senior seminar.

Revision of the subject matter requirements focuses attention on content critical for teacher licensure. Students learn essential parenting content in AHS 237 Child Development and AHS 238 Adolescent Development. With this in mind, AHS 436 Parent Education has been eliminated from the program. The course includes both parent education content and program facilitation in community settings; community program facilitation is not fundamental to FACS Ed.

FIN 108 Personal Financial Management is a program requirement that satisfies two very important purposes. Students fulfill the Foundational Studies Quantitative Literacy requirement while learning key concepts and processes in personal financial responsibility they will teach in middle, junior high, and/or high schools. (Family and Consumer Sciences teachers, along with business teachers, are considered qualified by the state to teach personal finance as mandated in middle, junior high, and high schools in Indiana; see Personal Financial Responsibility Instruction Guidelines for Implementation http://www.doe.in.gov/octe/facs/docs/09_9-2_StBrd_Guidelines_PersFinResp_Approved.pdf.)

The remaining management component of the FACS Ed. curriculum is revised significantly. FCS 366 Energy and Equipment in Residential Design and FCS 475 Consumer Education are eliminated from the curriculum. Key concepts from both courses are taught more effectively and efficiently in AHS 301 Family Resource Management and AHS 363 Housing (new course, described below).

Changes in the food and nutrition course prerequisites and staffing make it necessary to eliminate one required course. Students still complete AHS 201 Fundamentals of Foods and AHS 226 Fundamentals of Foods, thereby building a solid foundation in content.

One course in textiles, apparel, and merchandising content has not proven to be effective in preparing students to become FACS teachers. FCS 216 Introduction to Merchandising is eliminated as an option of one of the two requirements from this content area.

The interior design component of the FACS Ed. curriculum is revised significantly to respond to both changes in courses offered in other departments and colleges at ISU and the expectations of FACS teachers in Indiana. Housing, a course once taught by Interior Design faculty members, was eliminated from the Interior Design program several years ago. However, examining the sociological, psychological, economic/political, environmental, aesthetic, practical, and personal facets of housing remains a FACS teacher's responsibility. Therefore, this program revision includes the creation of AHS 363 Housing. Furthermore, the only Interior Design requirement, FCS 150 Introduction to Interior Design is eliminated from the program. The course primarily focuses on the profession of commercial Interior Design with inadequate attention to principles of design and rudimentary drawing skills to meet the needs of FACS Ed. students. Consequently,

ARTS 102 Fundamentals of Two-Dimensional Design and Color is added to the curriculum to replace FCS 150 Introduction to Interior Design.

Students' interests vary in the diverse FACS Ed. subject matter. To afford them an opportunity to investigate their interests further, students will select two courses from among the following directed electives: IAD 354 Traditional Interiors; AHS 402 Mental Health and Stress Education; AHS 406 Human Sexuality Education; AHS 427 Cultural Aspects of Foods; AHS 429 Nutrition in Wellness; and AHS 446 Culturally Disadvantaged Child and Family.

Of critical importance to this revision is the modification of departmental teaching methods requirements to 1) maximize resources and opportunities in the department and 2) better serve students in their early field experiences. To begin, FCS 281 Introduction to FCS Education is eliminated from the program. Approximately 60% of the course content pertained to foundations in FACS Ed.; the content is now a component of AHS 145 Family and Consumer Sciences in School and Community. The remaining 40% of the content was teaching methods, now incorporated into AHS 392 Educational Methods. FCS 491 Methods in Family and Consumer Sciences Education is eliminated from the program. Approximately 50% of the course was devoted to teaching methods (now in AHS 392 Educational Methods) and about 50% devoted to the clinical experience in high schools instituted by Bayh College of Education in the Department of Curriculum, Instruction, and Media Technology. This component of the professional education sequence in CIMT is now contained in AHS 480 Senior Seminar. These changes are anticipated to improve students' knowledge and use of teaching methods *before* the clinical experience. In addition AHS 480 Senior Seminar affords the culmination of professional development activities introduced in AHS 145 Family and Consumer Sciences in School and Community. Finally, FCS 498 Introduction to Techniques of Coordination of Cooperative Education is eliminated. Content is incorporated into AHS 145 Family and Consumer Sciences in School and Community and AHS 480 Senior Seminar.

Proposed Catalog Copy:

Occupational Family and Consumer Sciences Education Major (54 credits)

CIP Code: 1526 Major Code: A234

The Family and Consumer Sciences Education Program is accredited by the American Association of Family and Consumer Sciences (AAFCS), National Council for the Accreditation of Teacher Education (NCATE), Indiana Department of Education Office of Educator Licensing and Development (OELD) and the North Central Association for Schools and Colleges (NCA). Completion of this major qualifies students for licensure to teach family and consumer sciences at the middle, junior high, and high school levels. In addition, students are qualified to teach and coordinate programs that prepare high school students to enter the workforce in family and consumer sciences-related occupations. Graduates may also seek employment in such non-school settings as the Cooperative Extension Service, community and family service agencies, government agencies, and wellness programs.

Required courses:

Family and Consumer Sciences Core

AHS 145 School and Community in FCS 3 credits

AHS 309 Applied Theory in Family and Consumer Sciences 3 credits

Family and Consumer Sciences Education Courses

AHS 111 - Personal Health Science and Wellness 3 credits
AHS 237 - Child Development 3 credits
AHS 238 Adolescent Development 3 credits
AHS 336 - Family Relationships 3 credits
FIN 108 - Personal Financial Management 3 credits
AHS 301 – Family Resource Management 3 credits
AHS 201 - Fundamentals of Nutrition 3 credits
AHS 226 - Fundamentals of Foods 3 credits
ARTS 102 - Fundamentals of Two-Dimensional Design and Color 3 credits
AHS 363 – Housing 3 credits
TAM 217 - Textiles I 3 credits
TAM 111 - Clothing I or TAM 211 - Intermediate Clothing 3 credits
AHS 392 Educational Methods 3 credits
AHS 480 Senior Seminar 3 credits
AHS 402 - Teaching an Integrated Unit 1 credit

Directed Electives -- choose two courses:

IAD 354 Traditional Interiors 3 credits
AHS 402 Mental Health and Stress Education 3 credits
AHS 406 Human Sexuality Education
AHS 427 Cultural Aspects of Foods
AHS 428 Food Science
AHS 446 Culturally Disadvantaged Child and Family

Note:

Candidates for the Family and Consumer Sciences Education degree must also complete two years (4,000 clock hours) of successful employment in a recognized family and consumer sciences-related occupation or 1,500 clock hours of supervised work in the occupational family and consumer sciences field under an approved teacher education program or an equivalent combination.

Effective term: Fall 2012

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

Human Development and Family Studies Major (51 credits)

CIP Code: 190701 Major Code: H136

Brief Summary:

The foundational courses for Human Development and Family Studies major are interdisciplinary; changes in other departments have affected HDFS. The elimination of Sociology 280 necessitates one of the changes. In addition, the change of departments (from FCS to AHS) and the change from General Education to Foundational Studies have resulted in the elimination of FCS 410. In order to meet requirements for professional certification (Certified

Family Life Educator) COM 311-Interpersonal Communication will need to be added to the major so that all 10 professional content areas are covered. Finally, the addition of gerontology courses in Applied Health Sciences means that students will take the aging course in life span development within the department.

Changes to the core FCS requirements and prefix change from FCS to AHS have already been submitted, and are reflected in the new program proposal.

Student Learning:

The proposed changes are the result of curriculum changes in the Family and Consumer Sciences core and Sociology, as well as certification requirements.

Proposed Catalog Copy:

Human Development and Family Studies Major (51 credits)

CIP Code: 190701 Major Code: H136

Family life education seeks to build strong, healthy families and strengthen family life from an informed educational perspective. The foundation of family life education is found in a broad array of topics including human development across the lifespan, human sexuality, resource management (e.g. time, money), parent education, ethical considerations and public policy. Those who possess expertise in family life education possess the ability to bring out the best in others and to help persons in need to attain a higher degree of life fulfillment.

Required Family and Consumer Sciences Core:

AHS 145—School and Community in FCS 3 credits

AHS 309—Applied Theory in FCS 3 credits

Required Foundational Studies Courses:

PSY 101—General Psychology 3 credits

AHS 111—Personal Health Science and Wellness 3 credits

Required Courses:

PSY 100—Psychology of Human Sexuality and Sexual Responsibility 3 credits

SOC 101—Introduction to Sociology 3 credits

AHS 237—Child Development 3 credits

AHS 238—Adolescent Development 3 credits

SOWK 240—Family and Child Welfare 3 credits

COM 311—Interpersonal Communication 3 credits

AHS 305—Society and Aging 3 credits

AHS 301—Family Resource Management 3 credits

AHS 336—Family Relationships 3 credits

AHS 436—Parent Education 3 credits

AHS 441—Family Life Education Methods 3 credits

AHS 448—Human Development and Family Studies Practicum 3 credits

AHS 449—Human Development and Family Studies Internship 3 credits

Effective term: Fall 2012

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

Human Development and Family Studies Minor (24 credits)

CIP Code: Major Code: H157

Brief Summary:

The current Human Development and Family Studies (HDFS) minor offers a very narrow list of electives which became even smaller with the loss of one faculty member and elimination of the 497 course option. In addition, practicum and internship, which are listed as an elective, are open only to HDFS majors. Students in the HDFS minor have difficulty finding and fitting courses into their schedule, which has created inconsistencies within the program resulting in the need to petition courses that are included in the major but not offered as electives in the minor.

Student Learning:

The proposed course of study is more straightforward and realistic, which will eliminate confusion and inconsistency for all students.

Proposed Catalog Copy:

Human Development and Family Studies Minor (24 credits)

CIP Code: Major Code: H157

This interdisciplinary minor will inform and support a student's major by providing a background in human development and family studies. Students may choose electives tailored to their specific career interests.

Required courses:

- AHS 145—School and Community in FCS (3 hrs.)
- AHS 237—Child Development (3 hrs.)
- AHS 238—Adolescent Development (3 hrs.)
- AHS 336—Family Relationships (3 hrs.)
- AHS 309—Applied Theory in FCS (3 hrs.)

Electives (9 hrs.)

- AHS 111—Personal Health Science and Wellness (3 hrs.)
- AHS 201—Fundamentals of Nutrition (3 hrs.)
- AHS 220—Public Health Concepts (3 hrs.)
- AHS 301—Family Resource Management (3 hrs.)
- AHS 436—Parent Education (3 hrs.)
- AHS 441—Family Life Education Methods (3hrs.)

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Applied Medicine and Rehabilitation

Athletic Training Major (94 credits, including clinicals)
CIP Code: 510913 Major Code: A121

Brief Summary:

We are proposing two concentrations under the athletic training major, a clinical concentration and applied medicine concentration. Due to the recent requirement to decrease credit load for majors, we have also made substantive deletions to the degree to meet this mandate.

Student Learning:

This is a new proposed concentration in applied medicine, therefore no specific outcome assessments are available. The purpose of this concentration is to provide didactic and skill preparation for post-professional education in allied health care fields. The addition of a Physical Therapy and Physician Assistant program in the Department of Applied Medicine and Rehabilitation has created an environment whereby students seeking entry into the graduate professional programs roughly constitute a quarter of the applicants. This concentration will enhance the use of current university resources to fit a need for students. Consistent input from students and faculty indicates an underserved population of students seeking post-professional education in allied health care fields, yet do not fit into any current program and therefore extend their education by 12-18 months to acquire pre-requisite coursework. The PA program had 400 applicants for the 2012 class and PT had 150 applicants. Roughly 140 students from ISU have applied, yet most have deficiencies in pre-requisites that require 1 – 4 semesters of additional coursework beyond their major requirements resulting in delayed entry and additional cost to the student. In order to facilitate student success in achieving their goal of professional education in a 4-year degree and direct entry into the ISU programs, the applied medicine concentration was created. Students who do not maintain a 3.0 GPA will be counseled out of the concentration since acceptance to a professional health care program (OT, PA, PT, DC) is highly reduced.

This applied medicine concentration includes courses specifically devised to provide a foundation in allied health care and requisite hands-on skills in addition to the pre-requisites required for professional health care programs. Unlike pre-medicine which requires students to declare a major and add up to 63 additional credits dependant on the major chosen, the applied medicine concentration provides directed studies to meet the foundation knowledge needs and pre-requisite coursework. Students who seek to enter allied health care fields are often a mismatch for pre-medicine where the coursework is often more science-based versus the patient-based courses which will better prepare allied health professionals. Pre-medicine students seeking allied health care programs could possibly be eliminated based on grade point average, when more pointed coursework would have allowed these students to enter post-professional programs. In addition the current pre-medicine program does not provide all the pre-requisite coursework needed for allied health care fields such as physical therapy, physician assistant or

occupational therapy (e.g. Nutrition, Pathophysiology, Abnormal Psychology, Biostatistics, Kinesiology). The applied medicine concentration would provide 27-42 credits of pre-requisite coursework (dependent on post-professional allied health care program) specifically for post-professional programs that students would otherwise have to take in addition to current majors and/or pre-medicine courses, extending their education several semesters. Likewise, the pre-medicine program requires 23 credits of coursework which are not pre-requisites for post-professional programs in allied medicine and therefore not productive for students in the pursuit of post-professional education in allied health care fields.

The applied medicine concentration is intended to provide a 4-year program of study specifically for students seeking post-professional education in allied health care fields. We anticipate that the pre-medicine students are a different population than individuals pursuing post-professional allied health care fields. We also anticipate that the addition of applied medicine concentration students in the classroom will enhance interprofessional education and can be accommodated with current courses and resources. Four-year course sequences are provided in the application.

Future evaluation/outcome assessment of the program will include: Student Instructional Reports (SIRs), instructor/faculty peer reviews, student program exit interviews, alumni assessment of program effectiveness, employer/program director assessment of students, retention surveys, and graduate placement information. These assessment tools are already created (electronically) for similar programs within this department and could be easily transferred to meet this program's objectives. In addition, program assessment plans for each concentration are provided in the application.

Program Outcomes

1. Utilize critical thinking with the knowledge derived from the biological, behavioral, and clinical sciences for clinical decision making.
2. Demonstrate ethical behavior consistent with professional and legal standards.
3. Provide guidance and interventions to promote wellness, health and enhance the physical performance of persons in the community.
4. Communicate effectively with clients, families, colleagues, other health care workers, and the general public orally and in writing.

Proposed Catalog Copy:

**Athletic Training Major (Athletic Training Concentration 74-75 credits including clinicals; Applied Medicine Concentration 74-76 credits including clinicals)
CIP Code: 510913 Major Code: A121**

The bachelor of science degree in Athletic Training at ISU has two concentrations students can select from, applied medicine concentration (non-clinical) and a clinical concentration accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The coursework in the department emphasizes strong theoretical foundations within each of the areas of applied medicine and athletic training, as well as critical thinking and problem solving skills. Students also benefit from hands-on clinical education and/or classroom experiences with health care professionals.

Required Core (35-37 credits):

- ATTR 110 - Introduction to Health Professions 3 credits
- ATTR 202 - CPR for the Professional Rescuer 1 credits OR Proof of CPR/AED for the Professional Rescuer
- ATTR 210 - Human Anatomy for Allied Health Professions 2 credits
- ATTR 210L - Human Anatomy for Allied Health Professions Laboratory 1 credits
- ATTR 212 - Care and Prevention of Athletic Injuries and Illnesses 3 credits
- ATTR 212L - Care and Prevention of Athletic Injuries and Illnesses Laboratory 1 credits
- ATTR 225 - Medical Terminology for Allied Health Professions 3 credits
- ATTR 280 - Clinical Kinesiology 3 credits (Required for Clinical Concentration)
- OR
- PE 380 - Analysis of Human Motion 4 credits
- ATTR 362 - Foundations of Therapeutic Modalities and Rehabilitation 3 credits
- ATTR 473 - Pathophysiology 3 credits
- AHS 340 – Health Biostatistics 3 credits
- HS 201 - Fundamentals of Nutrition 3 credits
- PE 220 - Human Physiology for Allied Health Professions 2 credits
- PE 220L - Human Physiology for Allied Health Professions Laboratory 1 credits
- PE 381 - Physiology of Exercise 4 credits

Athletic Training Clinical Concentration (39 credits):

- ATTR 363 - Orthopedic Evaluation and Diagnosis I 3 credits
- ATTR 363L - Orthopedic Evaluation and Diagnosis I Laboratory 1 credits
- ATTR 365 - Orthopedic Evaluation and Diagnosis II 3 credits
- ATTR 365L - Orthopedic Evaluation and Diagnosis II Laboratory 1 credits
- ATTR 425 - Organization and Administration of Health Care Delivery Systems 3 credits
- ATTR 440 - Special Topics in Applied Medicine 3 credits
- ATTR 472 - Applied Therapeutic Modalities 3 credits
- ATTR 475 - Applied Therapeutic Rehabilitation and Reconditioning 3 credits
- ATTR 255 - Athletic Training Practicum I 3 credits

- ATTR 256 - Athletic Training Practicum II 3 credits
- ATTR 354 - Preseason Athletic Training Internship 1 credits
- ATTR 355 - Athletic Training Practicum III 3 credits
- ATTR 356 - Athletic Training Practicum IV 3 credits
- ATTR 455 - Athletic Training Practicum V 3 credits
- ATTR 456 - Athletic Training Practicum VI 3 credits

Successful completion of the bachelor of science degree in athletic training clinical concentration, qualifies students to take the Board of Certification Examination. Emphasis of this athletic training curriculum is to provide students with classroom knowledge and clinical experiences that are appropriate for entry-level preparation as a certified athletic trainer.

Students engage in a competitive application process for entry into the professional component of the major. Matriculating students typically apply during the spring semester of their freshman year. Transfer students are encouraged to apply when they have completed or are enrolled in prerequisite course equivalents. Transfer students must provide evidence of equivalent course work (i.e. course descriptions, syllabi, evidence of competency completion). Prerequisite courses include Athletic Training 110, 202 (or proof of CPR/AED Certification), 210, 210L, 212, 212L, 225, and 280. Students must submit an application, evidence of job shadowing hours, current emergency cardiac care certification, physical examination, technical standards, immunization records (including Hepatitis B or waiver), confidentiality statement, and a copy of transcripts (for any coursework not at ISU). Students are financially responsible for expenses of the application accrued prior to admittance into the professional component of the program. After review of application documents, students interview with Athletic Training academic and clinical faculty. Formal acceptance into the professional component of the concentration requires a 2.75 cumulative grade point average and successful completion of prerequisite courses. Successful completion of a prerequisite course requires a grade of C or better.

Additional information regarding program admission is available at the Applied Medicine and Rehabilitation Department Web site: <http://www.indstate.edu/amr/>.

Applied Medicine Concentration (39 credits):

- BIO 112 - Human Aspects of Biology 3 credits
- BIO 112L - Exploration of Biological Phenomena 1 credits
- CHEM 105 - General Chemistry I 3 credits
- CHEM 105L - General Chemistry I Laboratory 1 credits
- AHS 360 - Epidemiology 3 credits
- PE 483 - Fitness Through the Lifespan 3 credits

- PE 488 - Fitness Appraisal and Exercise Prescription 4 credits
- ATTR 255 – Athletic Training Practicum I 3 credits
OR
- PE 490 - Internship 3 credits
- PHYS 105 - General Physics I 3 credits
- PHYS 105L - General Physics I Laboratory 1 credits
- Suggested Electives 11 credits

Suggested Electives:

- ATTR 472 - Applied Therapeutic Modalities 3 credits ± ¥ ℓ (PT)
- ATTR 475 - Applied Therapeutic Rehabilitation and Reconditioning 3 credits ± ¥ ℓ (PT)
- BIO 274 - Introductory Microbiology 3 credits √*
- BIO 274L - Introductory Microbiology Laboratory 1 credits √*
- BIO 374 - Cellular and Microbial Biology 3 credits
- BIO 374L - Cellular and Microbial Biology Laboratory 1 credits
- BIO 380 - Genetics 3 credits ℓ(PA) Ω (PT)
- BIO 380L - Genetics Laboratory 1 credits ℓ(PA)
- BIO 408 - General Immunology 3 credits ℓ(PA)
- BIO 408L - General Immunology Laboratory 1 credits ℓ(PA)
- CHEM 106 - General Chemistry II 3 credits √*
- CHEM 106L - General Chemistry II Laboratory 1 credits √*
- CHEM 351 - Organic Chemistry I 3 credits *
- CHEM 351L - Organic Chemistry Laboratory I 1 credits *
- MATH 115 - College Algebra 3 credits √
- PHYS 106 - General Physics II 3 credits √
- PHYS 106L - General Physics II Laboratory 1 credit
- PSY 266 - Developmental Psychology 3 credits √ ± ¥ Ω(PA)
- PSY 368 - Introduction to Abnormal Psychology 3 credits √
- PE 484 - Applied Sport Biomechanics 3 credits ℓ (PT)
- PE 485 - Data Processing in the Sport Sciences 3 credits Ω (PT)

Note: Electives are based on professional program entry requirements at ISU post baccalaureate. Courses with a √ are required for entry into the ISU professional program in PT, *PA, ± OT, ¥ DC; courses with ℓ and not required but beneficial upon entry; courses with Ω May be required as pre-requisites at some intuitions. Check institutional pre-requisites and consult an advisor prior to registering.

Required Foundational Studies Courses (6 credits):

- PSY 101 - General Psychology: Understanding Human Behavior 3 credits
- SOC 110 - United States and Global Diversity: Sociological Perspectives 3 credits

Students who complete these programs with a 3.2 overall GPA, have a successful interview and in the top 10% of their graduating cohort will be allowed direct entry into Indiana State University's programs in PA, PT and OT.

Effective term: Fall 2012

SCOTT COLLEGE OF BUSINESS

Academic Standards for Business Majors

Brief Summary:

These changes go in the College of Business section of the Undergraduate Catalog, and apply to each of the four-year programs in the college. Although no courses are changing (they are all now correctly listed within each major in the catalog) the rules about progression through the business core are being simplified. We will link every business major page in the catalog to this section entitled "Academic Standards for Business Majors".

The reasons for inclusion of Academic Standards for Business Majors on this program proposal form are as follows. Not only do these Academic Standards affect each of the business majors, but the accompanying course prerequisite statements include "Admitted to the Scott College" which is defined in this language. This replaces the former statement "Completed all prebusiness requirements" and defines it more precisely. In addition, the language changes enable our junior functional block course (BUS 311, BUS 351, BUS 361, and BUS 371) prerequisites to be checked automatically by the Banner scheduling system.

Conversations with Office of Records and Registration have indicated that we will receive access to a custom Banner field that holds each student's "Admitted to the Scott College" status.

Student Learning:

Scott College studies have shown that students have problems moving forward at the half-way point in the program, specifically progressing from pre-business to business at the beginning of the junior year. Many students have been unaware of existing Scott College academic standards maintained in the Undergraduate Catalog.

The preferred effective date is Fall, 2012. We have a transition plan in mind to enable existing business students whose catalog year is before 201205 to take advantage of the simpler language. Because prerequisites of junior functional block classes are based on "Admitted to the Scott College" we will make decisions on existing students as well.

Proposed Catalog Copy:

Academic Standards for Business Majors

These standards appear in the Scott College of Business section of the Undergraduate Catalog.

The current catalog URL is

http://catalog.indstate.edu/preview_entity.php?catoid=13&ent_oid=585&returnto=286.

Further, it is requested that a common statement be placed in the Undergraduate Catalog with each of the four-year Scott College majors that links to this material. The statement should read:

"Student must meet the Academic Standards for Business Majors found in the Scott College of Business section of the catalog."

NEW ACADEMIC STANDARDS FOR BUSINESS MAJORS

ACADEMIC STANDARDS FOR BUSINESS MAJORS

The following standards apply with regard to the admission, retention, and graduation of students from the four-year undergraduate programs of the Scott College of Business. Specific requirements for majors are given in the listing for the major.

1. Each entering freshman selecting the Scott College of Business will be placed in the category of "prebusiness."
2. Students will remain in the prebusiness category until they
 - a. Complete the following foundation courses with an average GPA of 2.25 or higher:
BUS 100—Introduction to Contemporary Business
BUS 180—Business Information Tools
BUS 201—Principles of Accounting I
BUS 205—Business Statistics I
ECON 200—Principles of Macroeconomics
 - b. Complete the Foundational Studies freshman English composition requirement, the communication requirement (Communication 101 or 215), and the Scott College of Business mathematics requirement of Mathematics 115 or Math 131.
3. International students must also have a minimum TOEFL score of 550 or equivalent.
4. Upon satisfactorily meeting the foundation requirements, students are ADMITTED TO THE SCOTT COLLEGE OF BUSINESS and formally declare a major within the Scott College of Business.
 - a. Upon completion of BUS 202 and ECON 201 students may enroll in the functional sequence of courses (Business 311, 351, 361 and 371). Business 311 and Business 351 also require Business 305 as prerequisite.
 - b. Business 401, Senior Business Experience, may be taken **only** after completion of the functional courses, Business 221 and Business 263.
5. In order to graduate, students majoring in business disciplines must meet the following minimum requirements:
 - a. Have a cumulative grade point average of at least 2.25.
 - b. Complete all business and economics courses with an average grade point of 2.25 or higher.
 - c. In addition to core courses listed above, also complete BUS 221—Introduction to Management Information Systems; Business 263, Legal Environment of Business; and Business Education, Information, and Technology 336 as the junior-level writing

requirement.

d. Complete the course work and any additional requirements that may be stipulated by the individual programs.

e. Complete all other requirements prescribed by the University.

6. Students who change majors, or who had a break in their attendance and have been re-admitted, could be asked to meet the degree requirements in force at the time a major is declared or at the time they were re-admitted.

7. All students majoring in the Scott College of Business are expected to be aware of course and graduation requirements for their major. For further information, consult the program listing, the chairperson of the department offering the major, or the Undergraduate Student Services Office.

ACADEMIC STANDARDS FOR BUSINESS MINORS

1. Students graduating with any of the minors offered by the Scott College of Business must:

a. Meet the course work and other requirements of the minor (see program listing for details).

b. Achieve a minimum grade point average of 2.0 in course work presented for satisfaction of the minor.

2. All students with a minor in the Scott College of Business are expected to be aware of the course and graduation requirements of their minor. For further information, consult the program listing, the chairperson of the department offering the minor, the coordinator of the program offering the minor, or the Undergraduate Student Services Office.

TRANSFER POLICIES

1. For transfer at the prebusiness level, the student transferring from another institution must be in good academic standing. Admission to the Scott College of Business is conditional until the transfer student has completed 15 hours of approved course work at Indiana State University.

2. For transfer into one of the business majors, the transfer student must have completed the prebusiness courses with a minimum grade point average of 2.25 and have completed the freshman English composition requirement, the communication requirement, and the mathematics requirement. Admission to the Scott College of Business is conditional until completion of 15 hours of approved course work at Indiana State University with a cumulative grade point average of 2.25 or higher.

3. A student transferring from another academic unit in the University must have a cumulative grade point average of at least 2.0 and a minimum grade point average of 2.0 in any courses that will be applied to meeting the requirements of the business major.

4. An international student must also have a minimum TOEFL score of 550.

5. At least 50 percent of the business credit hours required for any business degree should be taken at Indiana State University.

Effective term: Fall 2012

GRADUATE PROPOSALS

NEW COURSES

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

CHEM 521L - Instrumental Methods of Analysis Laboratory

1 credit

A series of experiments that provide students hands-on experience with a variety of advanced analytical instruments, their components, and their functions.

Prerequisites: CHEM 321, CHEM 321L, and concurrent enrollment in CHEM 521.

A-F Grading

Effective term: Fall 2012

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

CHEM 521 - Instrumental Methods of Analysis

4 credits

Principles and applications of instrumental analytical chemistry, including signal and noise analysis, design and application of atomic and molecular spectroscopic and mass spectrometric instrumentation, and chromatographic methods of separation.

Prerequisites: 321 and successful completion of or concurrent enrollment in 462/562.

Note: Three class hours and three laboratory hours per week.

Change credits and prerequisites to:

CHEM 521 - Instrumental Methods of Analysis

3 credits

Principles and applications of instrumental analytical chemistry, including signal and noise analysis, design and application of atomic and molecular spectroscopic and mass spectrometric instrumentation, and chromatographic methods of separation are discussed.

Prerequisites: CHEM 321, CHEM 321L, and concurrent enrollment in CHEM 521L.

A-F Grading

Effective term: Fall 2012

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

AHS 622 - Community Nutrition

3 credits

Survey methods applying to the nutrition of population groups.

Change title, description and prerequisites to:

AHS 622 - Public Health Nutrition

3 credits

Investigation of concepts, principles, and scope of practice of public health nutrition, including distinctions between population - and individual-based approaches to nutrition assessment, intervention, and prevention, and barriers and factors associated with improving the nutritional

status and health of diverse population groups.

Prerequisite: AHS 201 or equivalent.

A-F Grading

Effective term: Fall 2012

AHS 623 - Advanced Diet Therapy

3 credits

Methods of treating patients by diet. Physiological and psychological aspects of treatment of the ill. Detailed studies of patients and techniques for recording nutrition histories, dietary counseling, and out-patient instruction.

Prerequisites: 422

Change title, description and prerequisites to:

AHS 623 - Advanced Nutrition II

3 credits

Advanced study of human nutrition, human metabolism, and the biochemistry of macro-and micronutrients.

Prerequisites: AHS 420/520, or equivalent.

A-F Grading

Effective term: Fall 2012

AHS 627 - Foods

3 credits

Review of pertinent literature and current research in food science and technology.

Prerequisites: 226 or equivalent.

Change title, description and prerequisites to:

AHS 627 - Trends in Foods

3 credits

Review of pertinent literature and current research in marketing, sustainability, and technology of food and beverages.

Prerequisite: AHS 201 or equivalent.

A-F Grading

Effective term: Fall 2012

AHS 629 - Seminar in Nutrition

3 credits

Individual or group study of research in selected areas.

Prerequisites: 420/520 or equivalent.

Change title, description and prerequisites to:

AHS 629 - Seminar in Public Nutrition

3 credits

Investigation and individual study of current topics and research in public health nutrition. Topics may include the role of nutrition in disease prevention, maternal and child nutrition, nutrition and aging, nutrition and wellness, obesity, and mindful eating.

Prerequisite: AHS 201 or equivalent.

A-F Grading

Effective term: Fall 2012

COURSE BANKING

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

- CIMT 509 – Selection of Library Materials (3 credits)**
- CIMT 512 – Literature for Young People (3 credits)**
- CIMT 513 – Topics in School and Public Libraries (3 credits)**
- CIMT 522 – Introduction to Cataloging and Classification (3 credits)**
- CIMT 531 – Reference Sources and Services for Library Media (3 credits)**
- CIMT 606 – Foundations of Libraries and Librarianship (3 credits)**
- CIMT 631 – Reference Sources and Services for Library Media (3 credits)**
- CIMT 656 – School and Public Library Administration (3 credits)**
- CIMT 659 – Practicum in Library Media (3 credits)**

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Communication

- COMM 514 Issues – 3 credits**
- COMM 514B Issues: Comm&Devl Nations**
- COMM 514C Issues: Prob Brdcast Adv Audio**
- COMM 514D Issues: Western Films**
- COMM 514E Issues: His Flm&TV Doc**
- COMM 514G Issues: Comm Ethics**
- COMM 514H Issues: Crisis Communication**
- COMM 514J Issues: Crisis Communication**
- COMM 514L Issues: Telecomm Tech**
- COMM 514M Issues: Women&Minorit News**
- COMM 514O Issues: Training&Development**
- COMM 514P Issues: Journalism History**
- COMM 514R Issues: Public Relations**
- COMM 514S Issues: Advert Intgrtd Comm**
- COMM 514U Issues: Non-Linear Video Edit**
- COMM 557 Special Issues in Broadcasting - 3 credits**
- COMM 559 Law and Responsibilities of Broadcast Communications – 3 credits**
- COMM 560 History of Rhetorical Communication – 3 credits**
- COMM 566 Public Relations Case Analysis – 3 credits**
- COMM 612 Advanced Theory and Research in Persuasion – 3 credits**
- COMM 691 Instructional Problems in Speech Communication – 3 credits**

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 is 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 Registrar'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

PROGRAM ELIMINATIONS

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 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

Student Learning:

N/A

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

Student Learning:

N/A

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

Student Learning:

N/A

Effective term: Fall 2012

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

UNDERGRADUATE APPROVALS

NEW COURSES

COLLEGE OF NURSING, HEALTH AND HUMAN SERVICES: Applied Medicine and Rehabilitation

ATTR 441 - Intro Massage Therapy Techniques

2 credits

This course will explore in detail the history of massage, professional and legal issues of massage, sanitation, professional touch, and massage equipment and products. Medical terminology, SOAP note documentation, disease conditions and the effect of massage of body systems will be instructed.

Pre or Co-requisites: ATTR 210, BIO 231 or equivalent, PE 220 or BIO 241 or equivalent.

A-F Grading

Effective term: Fall 2012

ATTR 441L - Intro Massage Therapy Lab

1 credit

This lab is structured to provide students with the hands-on-massage techniques and 200 hours of clinical experience to perform Swedish massage, deep friction, trigger point release, myofascial release techniques, PNF techniques, positional release, therapeutic stretching. Modalities and documentation are introduced.

Pre or Co-requisites: ATTR 210, BIO 231 or equivalent, PE 220 or BIO 241 or equivalent.

A-F Grading

Effective term: Fall 2012

ATTR 442 - Advanced Massage Techniques

2 credits

Students learn massage techniques/modalities coupled with physiological/psychological effects, including Active Isolated Stretching, Cancer Massage, Craniosacral Therapy, Geriatric Massage, Pediatric Massage, Manual Lymphatic Drainage, Myofascial Release, Neuromuscular Therapy, Deep Tissue Massage, Orthopedic Massage, Prenatal Massage, Reflexology, Shiatsu, Sports and Fitness Massage, Roling, Thai Massage, and Trigger Point Release.

Pre or Co-requisites: ATTR 210, BIO 231 or equivalent, PE 220 or BIO 241 or equivalent, and ATTR 441 and 441L.

A-F Grading

Effective term: Spring 2013

ATTR 442L - Advanced Massage Lab

1 credit

Students learn advanced hands-on techniques and 200 hours of clinical experience needed to perform Active Isolated Stretching, Cancer Massage, Craniosacral Therapy, Geriatric Massage, Manual Lymphatic Drainage, Myofascial Release, Neuromuscular Therapy and Deep Tissue Massage, Orthopedic Massage, Reflexology, Shiatsu, Sports/Fitness Massage, Rolwing /Structural Integration, Thai Massage, & Trigger Point Release.

Prerequisites: ATTR 210, BIO 231 or equivalent, PE 220 or BIO 241 or equivalent, and ATTR 441 and 441L.

A-F Grading

Effective term: Spring 2013

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Art

ARTS 104 - Fundamentals of Three-Dimensional Design and Color

3 credits

Lecture/laboratory. Fundamentals of three-dimensional design and theory.

Prerequisites: ARTS101 or consent of instructor.

Note: Two studio contact hours are required for every credit hour.

Change title and remove prerequisites to:

ARTS 104 - Fundamentals of Three-Dimensional Design

3 credits

Lecture/laboratory. Fundamentals of three-dimensional design and theory.

Note: Two studio contact hours are required for every credit hour.

A-F Grading

Effective term: Fall 2012

ARTS 215 - Fundamentals of Drawing II

3 credits

A course based on observation of natural, mechanical, and human forms, and their representation through various drawing materials. Emphasis on expanding basic drawing skills.

Prerequisites: ARTS 101, 102, and 104, or consent of instructor.

Note: Two studio contact hours are required for every credit hour.

Change prerequisites to:

ARTS 215 - Fundamentals of Drawing II

3 credits

A course based on observation of natural, mechanical, and human forms, and their representation through various drawing materials. Emphasis on expanding basic drawing skills.

Prerequisites: ARTS 101 and 102

Note: Two studio contact hours are required for every credit hour.

A-F Grading

Effective term: Fall 2012

ARTS 230 - Introduction to Painting

3 credits

An exploration of the skills and techniques associated with direct and indirect oil painting.

Prerequisites: ARTS 101, 102, and 104, or consent of instructor.

Note: Two studio contact hours are required for every credit hour.

Change prerequisites to:

ARTS 230 - Introduction to Painting

3 credits

An exploration of the skills and techniques associated with direct and indirect oil painting.

Prerequisites: ARTS 101 and 102

Note: Two studio contact hours are required for every credit hour.

A-F Grading

Effective term: Fall 2012

ARTS 235 - Introduction to Photography

3 credits

An introductory course in the fundamentals of darkroom work and digital imagery, and the use of the photographic medium as a means of visual expression.

Prerequisites: ARTS 101, 102, and 104, or consent of instructor.

Note: Two studio contact hours are required for every credit hour.

Change prerequisites to:

ARTS 235 - Introduction to Photography

3 credits

An introductory course in the fundamentals of darkroom work and digital imagery, and the use of the photographic medium as a means of visual expression.

Prerequisites: ARTS 101 and 102.

Note: Two studio contact hours are required for every credit hour.

A-F Grading

Effective term: Fall 2012

ARTS 240 - Introduction to Beginning Printmaking

3 credits

Introduction to basic printmaking techniques: relief, calligraphy, and intaglio.

Prerequisites: ARTS 101, 102, and 104, or consent of instructor.

Note: Two studio contact hours are required for every credit hour.

Change prerequisites to:

ARTS 240 - Introduction to Beginning Printmaking

3 credits

Introduction to basic printmaking techniques: relief, calligraphy, and intaglio.

Prerequisites: ARTS 101 and 102

Note: Two studio contact hours are required for every credit hour.

A-F Grading

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Communication

COMM 270 - Introduction to Photojournalism

3 credits

The use of cameras and still pictures in the print media.

Change title and description to:

COMM 270 - Photojournalism

3 credits

This course analyses the role of photojournalism and the photoessay as part of a mediated society. Students explore the practice and theory by composing newsworthy images for print and digital media.

A-F Grading

Effective term: Fall 2012

COMM 303 - Communication Research Methods

3 credits

Diverse methods for studying communication (quantitative, qualitative, and rhetorical) are considered, compared, assessed, and applied for their usefulness in understanding and analyzing communication in public relations, communication studies, and mass communication.

Prerequisites: COMM 209

Change title and description to:

COMM 303 - Advanced Communication Research

3 credits

Course emphasizes developing an understanding of the differences among various methodological approaches to studying communication and their relationships to communication theories. Students will design, conduct, and publish original communication research.

Prerequisites: COMM 209

A-F Grading

Effective term: Fall 2012

COMM 312 - Introduction to Persuasion Theory

3 credits

The study of the basic theories of human communication designed to influence others by modifying their beliefs, values, attitudes, and/or behaviors.

Change title and description to:

COMM 312 - Persuasion Theories

3 credits

This course introduces students to theories and practices of persuasion in multiple contexts, including social movements, public campaigns, and everyday cultural communication.

A-F Grading

Effective term: Fall 2012

COMM 373 - The World Wide Web: Cognition, Research, and Presentation

3 credits

This course is a study of the Internet and its implications for thought and research. The course explores students' interests and ideas in relation to the Web. Students learn to write HTML documents, make Web-based presentations, and create graphics for use on Internet home pages.

Change title and description to:

COMM 373 - Internet as Cultural Communication

3 credits

Examines uses of the Internet for social, cultural, political and professional purposes. The course provides an overview of Internet communication theory and research as well as an experiential learning component. Students work with a client to develop web content, construct a web presence, and test its effectiveness.

A-F Grading

Effective term: Fall 2012

COMM 409 - Reporting II

3 credits

Introduction to news and the reporter's role with intensive practice in gathering information for and writing of news stories. Practice in covering campus University-related activities and the courts. Includes laboratory assignment and experiences. Newspaper writing and editing headlines.

Prerequisites: 309

Note: Keyboarding ability required.

Change title and description to:

COMM 409 - Advanced Media Writing

3 credits

Course focuses on advanced journalistic method, theory, and practice. Students will develop and submit packages for publications in a variety of journalistic contexts.

Prerequisites: COMM 309

A-F Grading

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Theater

THTR 452 - Advanced Playwriting: Adaptations

3 credits

This course centers on the creation of stage adaptations based on a wide variety of original texts, including poems, novellas, short stories, essays, letters, interviews, folk tales, myths, and earlier or classical plays. Students will study diverse models, looking at both the originals and the adaptations, while writing their own stage adaptation from an original in the same genre as those studied in class. Consult the Department of Theater for specific content.

Prerequisites: THTR 450 or consent of instructor.

Note: Since this course has rotating content, students may repeat this course for a maximum of three times over three semesters, for a maximum of 9 credit hours. Open to graduate students.

Graduate students are required to do additional work of a research nature.

Change prerequisites to:

THTR 452 - Advanced Playwriting: Adaptations

3 credits

This course centers on the creation of stage adaptations based on a wide variety of original texts, including poems, novellas, short stories, essays, letters, interviews, folk tales, myths, and earlier or classical plays. Students will study diverse models, looking at both the originals and the adaptations, while writing their own stage adaptation from an original in the same genre as those studied in class. Consult the Department of Theater for specific content.

Prerequisites: THTR 252 or consent of instructor.

Repeatable: Since this course has rotating content, students may repeat this course for a maximum of three times over three semesters, for a maximum of 9 credit hours.

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

A-F Grading

Effective term: Fall 2012

COLLEGE OF TECHNOLOGY: Electronics and Computer Engineering Technology

ECT 281 - Robotic Controls

3 credits

The operation and programming of industrial robots are studied and then simulated with educational robots. Robot languages, theory of operation, and functional examples are developed with a variety of educational robots.

Prerequisites: MATH 115 or higher level, and any programming language.

Note: A laboratory component requiring additional contact hours.

Change title, description and prerequisites to:

ECT 281 -- Introduction to Robotics and Automation

3 credits

The operation and programming of industrial robots are studied and simulated using industrial robots. The operation and programming of electronic controllers and operator interfaces used in manufacturing automation are studied and simulated.

Prerequisites: Mathematics 115 or higher level.

Notes: A laboratory component requiring additional contact hour

A-F Grading

Effective term: Fall 2012

ECT 381 - Robotic Control Systems

3 credits

Analysis of the control systems integrated into the robot systems controllers on typical industrial robots such as the IBM, Cincinnati/Milacron, GMF, and Unimate/Westinghouse robots. This class will emphasize those control systems available in the laboratory.

Prerequisites: ECT 281

Note: A laboratory component requiring additional contact hours.

Change title, and description to:

ECT 381 - Advanced Robotics and Automation

3 credits

An advanced study of automated manufacturing systems utilizing industrial robots integrated by means of networks with electronic controls and peripheral support equipment.

Prerequisites: ECT 281.

Note: A laboratory component requiring additional contact hours.

A-F Grading

Effective term: Fall 2012

COURSE BANKING

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Kinesiology, Recreation and Sport

PE 225 - Introduction to Exercise Science and Fitness Professions

Effective term: Fall 2012

NEW PROGRAMS

COLLEGE OF NURSING, HEALTH AND HUMAN SERVICES: Applied Medicine and Rehabilitation

Massage Therapy Minor (17-19 credits)

CIP Code: 5109 Major Code:

Brief Summary:

Massage Therapy is a licensed practice in the State of Indiana. The Massage Therapy Minor will provide students the opportunity to obtain the requisite coursework to take the certifying exam, which will allow for Indiana State License eligibility. The program is self-supporting through student fees for 6 credits. Eighteen credits are a combination of courses already required by many majors in the College of Nursing, Health and Human Services and Biology with the intent that students will not have to take many courses outside their major to acquire the requisite coursework for the certifying examination. The program will provide an additional certification that many graduates can use to augment their skills, increase marketability and increase the student's ability to generate revenue. Students would be able to get state certified/license by passing the Federation of State Massage Therapy Boards (FSMTB) certification, which is also accepted in 32 additional states for state licensure. Students in programs such as pre-medicine, biology, health science, recreational therapy, recreation, exercise science, nursing and athletic training may benefit from the additional minor and eligibility certification.

Proposed Catalog Copy:

Massage Therapy Minor (23-25 credits)

CIP Code: 5109 Major Code:

The Massage Therapy Program provides requisite coursework so that students can take the certifying examination that allows for Indiana State Licensure. The Massage Therapy Program provides students coursework options to augment current major programs of study. The minor requires the student to successfully complete 23 credits of coursework.

Massage Therapy Required Courses (17-19 credits)

ATTR 210: Human Anatomy for Allied Health Professionals (2)

OR

BIO 231: Human Anatomy (2)

ATTR 210L: Human Anatomy for Allied Health Professionals Lab (1)

OR

BIO 231L: Human Anatomy Lab (1)

PE 220: Human Physiology (2)

OR

BIO 241: Human Physiology (2)

PE 220L: Human Physiology Lab (1)

OR

BIO 241L: Human Physiology Lab (1)

ATTR 473: Pathophysiology (3)

OR

BIO 412: Pathophysiology (2)

ATTR 280: Clinical Kinesiology (3)

OR

PE 380: Analysis of Human Motion (4)

ATTR 441: Intro to Massage Therapy and Techniques (2) (Pre or Co-requisite ATTR 441L)

ATTR 441L: Intro to Massage Therapy and Techniques Lab (1) (Co-requisite ATTR 441)

ATTR 442: Advanced Massage Techniques and Physiological/Psychological Effects (2) (Pre or Co-requisite ATTR 442L)

ATTR 442L: Advanced Massage Techniques and Physiological/Psychological Effects Lab (1) (Co-requisite ATTR 442)

Massage Therapy Elective Courses (minimum 6 credits)

ATTR 225: Medical Terminology (3)

ATTR 362: Foundations of Therapeutic Modalities and Rehabilitation (3)

ATTR 413: Biomedical Ethics (3)

ATTR 440: Special Topics in Applied Medicine (3)

FCS 201: Fundamentals of Nutrition (3)

FCS 429: Nutrition in Wellness (3)

HLTH 111: Personal Health and Wellness (3)

OR

PE 101: Fitness for Life (2)

HLTH 210: Principles of Environmental Health (3)

HLTH 211: Emergency Medical Care and Advanced First Aid (2)

HLTH 221: Public Health Concepts (3)

HLTH 402: Mental Health and Stress Education (3)

PE 201: Introduction to Kinesiology (3)

PE 266: Human Growth and Motor Development (3)

PE 385: Foundations of Conditioning (3)

PE 483: Fitness Through the Lifespan (3)

Effective term: Fall 2012

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES: School of Music

Music Minor (24 credits)

CIP Code: 500901 Major Code: 3330

Brief Summary:

The Music Theory courses were raised last year from 1 to 2 credits. This proposal brings the total for the minor back to 24 credits by reducing the amount of electives needed for completion. It also adds a performance element to the minor.

Proposed Catalog Copy:**Music Minor (24 credits)****CIP Code: 500901 Major Code: 3330**

Required Courses:

Theory:

- MUS 111 - Music Theory I 2 credits
- MUS 112 - Music Theory II 2 credits
- MUS 113 - Music Skills I 2 credits
- MUS 114 - Music Skills II 2 credits
-

History and Literature:

- MUS 150 - Introduction to Musical Traditions 3 credits

Choose one from:

- MUS 236 - Survey of American Popular Music Traditions 3 credits
- MUS 237 - Introduction to World Music and Culture 3 credits
- MUS 329 - Music in Africa 3 credits
- MUS 330 - Survey of Blues and Rock 3 credits
- MUS 341 - History of Jazz 3 credits
- MUS 425 - Survey of African American Music 3 credits

Music Performance:

- MUS 272 (A-G, I-U) 4 semesters 4 credits

Music Electives:

- 6 credits chosen to reflect the student's area of interest and approved by the music advisor.

Effective term: Fall 2012

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Kinesiology, Recreation and Sport**Physical Education Exercise Science Major (60 credits)**

CIP Code: 131314 Major Code: H234

Brief Summary:

PE 225 will be removed from the Exercise Science program to remove course redundancy.

Proposed Catalog Copy:

Physical Education Exercise Science Major (60 credits)

CIP Code: 131314 Major Code: H234

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

Core Courses (45 credits):

- ATTR 210 - Human Anatomy for Allied Health Professions 2 credits
- ATTR 210L - Human Anatomy for Allied Health Professions Laboratory 1 credits
- PE 201 - Introduction to Kinesiology 3 credits
- PE 220 - Human Physiology for Allied Health Professions 2 credits
- PE 220L - Human Physiology for Allied Health Professions Laboratory 1 credits
- PE 380 - Analysis of Human Motion 4 credits
- PE 381 - Physiology of Exercise 4 credits
- PE 385 - Foundations of Conditioning 3 credits
- PE 390 - Practicum Seminar 1 credits
- PE 392 - Instructional Strategies in Fitness Settings 2 credits
- PE 445 - Organization and Administration of Fitness Programs 3 credits
- PE 466 - Social Behavioral Aspects of Physical Education 3 credits
- PE 483 - Fitness Through the Lifespan 3 credits
- PE 488 - Fitness Appraisal and Exercise Prescription 4 credits
- PE 489 - Chronic Lifestyle Disease 3 credits
- PE 490 - Internship 6 credits

Support Courses (9 credits):

- HLTH 211 - Emergency Medical Care and Advanced First Aid 2 credits
- HLTH 211L - Advanced Emergency Medical Skill Proficiency Laboratory 1 credits
- HLTH 340 - Health Biostatistics 3 credits

Choose one from the following:

- FCS 201 - Fundamentals of Nutrition 3 credits
- FCS 429 - Nutrition in Wellness 3 credits

Activities (5 credits):

- PE 180 - Physical Fitness for Majors and Minors 1 credits
- PE 218 - Aerobic and Anaerobic Training Methods 2 credits
- PE 219 - Resistance Training Methods 2 credits

Effective term: Fall 2012

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Kinesiology, Recreation and Sport

Strength and Conditioning Minor (30 credits)

CIP Code: Major Code: H249

Brief Summary:

PE 392, Instructional Strategies in Fitness Settings, has been added to the minor to provide students with the knowledge and practice of working with individuals to meet their fitness needs. PE 483, Lifespan Fitness, has been removed because of the specificity of the populations it is focused which is beyond the scope of the Strength and Conditioning minor.

Proposed Catalog Copy:

Strength and Conditioning Minor (27 credits)

CIP Code: Major Code: H249

The curriculum is designed specifically for students interested in a career as a strength and conditioning professional. A grade of C or better is required for all strength and conditioning minor classes.

Required Courses (27 credits):

- ATTR 210 - Human Anatomy for Allied Health Professions 2 credits
- ATTR 210L - Human Anatomy for Allied Health Professions Laboratory 1 credits
- PE 104 - Weight Training 1 credits
- PE 162 - Advanced Weight Training 1 credits
- PE 218 - Aerobic and Anaerobic Training Methods 2 credits
- PE 219 - Resistance Training Methods 2 credits
- PE 220 - Human Physiology for Allied Health Professions 2 credits
- PE 220L - Human Physiology for Allied Health Professions Laboratory 1 credits
- PE 380 - Analysis of Human Motion 4 credits
- PE 381 - Physiology of Exercise 4 credits
- PE 385 - Foundations of Conditioning 3 credits
- PE 390 - Practicum Seminar 1 credits
- PE 392 – Instructional Strategies in Fitness Settings 2 credits
- PE 490 - Internship 3 credits

Effective term: Fall 2012

SCOTT COLLEGE OF BUSINESS: Marketing and Operations

Operations Management and Analysis Major (69 credits)

CIP Code: 521399 Major Code: 7221

Brief Summary:

Given the strategic objectives of the State of Indiana, the response from regional industry, ISU's strategic initiatives, the reorganization of the Scott College of Business, assessment results, and, most importantly, increased opportunities for student engagement and eventual employment, a revision of the Operations Management and Analysis major in the Scott College of Business is proposed.

- The name of the major will change from Operations Management and Analysis to Operations and Supply Chain Management. This is consistent with language describing majors, minors, concentrations, and emphases at nearly 100 other colleges of business in the United States.
- The number of credits required for the major will not change, although the mix of required and elective courses will be adjusted. The elective list has been expanded to offer more opportunities to students.
- All courses have been reviewed to update coverage and align with learning objectives. The resulting changes in titles, descriptions, and prerequisites are included.
- Three courses have been banked; five courses have been created so that coverage of such timely concepts as global sourcing, service operations, and business analytics will be included. A course rotation consistent with staffing has been developed. No new resources are required.
- A significant, culminating student experience is now required for graduation.

Student Learning:

Revision of the major was driven by assessment. Assessment of student learning showed that although almost all majors and minors were performing at a superior or satisfactory level in their course work, they had difficulty presenting their credentials to employers. External assessment was then conducted. After working with academics and practitioners, reviewing curricula at other universities, and obtaining reactions to the proposal from industry professionals, revisions to courses and requirements were developed.

Proposed Catalog Copy:

Operations and Supply Chain Management Major (69 credits)

CIP Code: 521399 Major Code: 7221

In this age of globalization, supply chain management professionals actively operate at the hub of an organization, interacting regularly with all other business segments in the firm, including sales and marketing, finance and human resources, and suppliers and customers located around the world, thereby ensuring that the desired product/service is available to the customer in the right condition and quantity and at the right time, place, and cost. Efficient performance of this function needs the coordination of sourcing, logistics, production operations, inventory management, and information technology in a cost effective manner. By integrating critical value-added components like manufacturing operations, purchasing, logistics and physical distribution to enhance global competitiveness, students receive a solid foundation for careers in

the management of today's data-driven global supply chain operations.

Required Courses on all Four-Year Professional Programs (45 credits):

Business:

BUS 100 - Introduction to Contemporary Business 3 credits
BUS 180 - Business Information Tools 3 credits
BUS 201 - Principles of Accounting I 3 credits
BUS 202 - Principles of Accounting II 3 credits
BUS 205 - Business Statistics I 3 credits
BUS 263 - Legal Environment and Business 3 credits
BUS 305 - Business Statistics II 3 credits
BUS 311 - Business Finance 3 credits
BUS 321 - Introduction to Management Information Systems 3 credits
BUS 351 - Introduction to Operations Management 3 credits
BUS 361 - Principles of Marketing 3 credits
BUS 371 - Management and Organizational Behavior 3 credits
BUS 401 - Senior Business Experience 3 credits

Economics:

ECON 200 - Principles of Macroeconomics 3 credits
ECON 201 - Principles of Microeconomics 3 credits

Required Courses for Operations and Supply Chain Management Majors (15 credits):

Operations and Supply Chain Management:

OSCM 300 – Fundamentals of Supply Chain Management 3 credits
OSCM 310 – Data-Driven Decision Making 3 credits
OSCM 320 – Problem Solving with Spreadsheets 3 credits

OSCM 445 – Business Process Improvement 1 credit
and
OSCM 445L – Business Process Improvement Experiential Learning Lab 2 credits
or
OSCM 439 – Internship in Operations and Supply Chain Management 3 credits
OSCM 490 – Global Supply Chain Management 3 credits

Electives:

Choose 9 credits from

Operations and Supply Chain Management

OSCM courses numbered 400 and above and not used as a requirement

Marketing

MKTG 338 – Marketing Research 3 credits

MKTG 353 – Marketing Channel Structure and Strategy 3 credits

MKTG 443 – Business to Business Marketing 3 credits

MKTG 445 – Business Negotiations 3 credits

Effective term: Fall 2012

GRADUATE APPROVALS

COURSE REVISIONS

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

NURS 673 - Educational Practices in Nursing

4 credits

Teaching methods, evaluation tools, and the complexities of the educator role are explored. Guided teaching experiences with a selected mentor/preceptor provide opportunities to plan, implement, and evaluate classroom and clinical instruction in various settings.

Prerequisites: 653 and 662.

Note: Two classroom hours and an average of 6 clinical hours per week.

Change prefix and remove prerequisites to:

APN 673 - Educational Practices in Nursing

4 credits

Teaching methods, evaluation tools, and the complexities of the educator role are explored. Guided teaching experiences with a selected mentor/preceptor provide opportunities to plan, implement, and evaluate classroom and clinical instruction in various settings.

Note: Two classroom hours and an average of 6 clinical hours per week.

A-F Grading

Effective term: Fall 2012

NURS 699 - Master's Thesis

6 credits

Prerequisites: By permission of chair of thesis committee.

Change prefix and credit hours to:

APN 699 - Master's Thesis

1-6 credits

Repeatable: May be repeated as needed.

Prerequisites: By permission of chair of thesis committee.

A-F Grading

Effective term: Fall 2012

CHANGE PREFIX FROM NURS

TO APN

NURS 601 Health Care Perspectives

APN 601

NURS 605 Nursing Theory Development

APN 605

NURS 624	Health Assessment and Health Promotion for Advanced Nursing Practice	APN 624
NURS 633	Nursing Research	APN 633
NURS 635	Family Nurse Practitioner Role I	APN 635
NURS 644	Theoretical Foundations of Family Health Care: Management of Common Chronic and Acute Health Problems I	APN 644
NURS 645	Pharmacology for Advanced Practice Nurses	APN 645
NURS 646	Diagnostic Laboratory for Family Nurse Practitioner	APN 646
NURS 651	Theories of Healthcare Administration	APN 651
NURS 652	Financial Management for Healthcare Managers	APN 652
NURS 653	Curriculum Process in Nursing	APN 653
NURS 662	Measurement and Assessment in Nursing Education	APN 662
NURS 664	Theoretical Foundations of Family Health Care: Management of Common Chronic and Acute Health Problems II	APN 664
NURS 667	Nursing Informatics	APN 667
NURS 670	Family Nurse Practitioner Preceptorship	APN 670
NURS 671	Administrative Practices in Healthcare Administration	APN 671
NURS 675	Family Nurse Practitioner Role II	APN 675
NURS 683	Advanced Clinical Concepts for Nurse Educators	APN 683
NURS 697	Evidence Based Practice for Advanced Practice Nurses	APN 697
NURS 689R	Culminating Project	APN 689R
NURS 810	Community Health Planning	APN 810
NURS 822	Organizational Informatics	APN 822
NURS 825	Analytical Methods	APN 825
NURS 840	Culturally Competent Care	APN 840
NURS 842	Health Policy Leadership	APN 842
NURS 850	Rural/Underserved Residency	APN 850
NURS 891	Scholarly Project I	APN 891
NURS 892	Scholarly Project II	APN 892
NURS 893	Scholarly Project III	APN 893
NURS 894	Scholarly Project VI	APN 894
NURS 895	Capstone Scholarly Project	APN 895

COLLEGE OF TECHNOLOGY: Electronics and Computer Engineering Technology

ECT 634 - Computer Based Automated Systems Integration

3 credits

A study of the theory, design, and application of computer interfacing techniques for use in integrating automated manufacturing systems. Emphasis on computer interfacing including hardware and software will constitute a major portion of the course. Methods and procedures employed in the integration of complete automated industrial systems will be presented.

Note: Laboratory experiences will help complement all theoretical concepts presented in this course.

Change title to:

ECT 634 - Automated Systems Integration

3 credits

A study of the theory, design, and application of computer interfacing techniques for use in integrating automated manufacturing systems. Emphasis on computer interfacing including hardware and software will constitute a major portion of the course. Methods and procedures employed in the integration of complete automated industrial systems will be presented.

Note: Laboratory experiences will help complement all theoretical concepts presented in this course.

A-F Grading

Effective term: Fall 2012

ECT 642 - Microcomputer Based Process Control Technology

3 credits

An in-depth study of the theory, design, and application of microcomputer systems as applied to process control technology. Emphasis on interfacing various sensors and peripheral devices to microcomputer systems will constitute a major portion of the course.

Prerequisites: ECT 542

Note: Laboratory experiences will help complement all theoretical aspects of the field covered in this course.

Change title to:

ECT 642 - Process Control Technology

3 credits

An in-depth study of the theory, design, and application of microcomputer systems as applied to process control technology. Emphasis on interfacing various sensors and peripheral devices to microcomputer systems will constitute a major portion of the course.

Prerequisites: ECT 542

Note: Laboratory experiences will help complement all theoretical aspects of the field covered in this course.

A-F Grading

Effective term: Fall 2012

ECT 735 - Network Service Administration

3 credits

Network service administration focuses on network management issues of performance, configuration, accounting, fault, and security.

Change number to:

ECT 635 - Network Service Administration

3 credits

Network service administration focuses on network management issues of performance, configuration, accounting, fault, and security.

A-F Grading

Effective term: Fall 2012

CORRECTIONS

The following corrections are reflected in ***bold and italics***:

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

CHANGE PREFIX FROM HLTH

TO AHS

HLTH 527 Special Subjects in Health and Safety

AHS 517

HLTH 546 Individual, Community, and General Safety Education

AHS 516