



Academic Notes

January 17, 2012

AN 2011-2012

FACULTY GOVERNMENT

FACULTY AFFAIRS COMMITTEE

January 19, 2012, 2:00 pm – 3:00 pm
HMSU 316

AGENDA #9

1. Approval of Minutes of 12-5-11, 12-13-11, 1-10-12
2. Reports
 - a. Academic Affairs (Rogers)
 - b. Executive Committee (MacDonald)
 - c. Contingent Faculty Advocate (Solesky)
 - d. FAC Chair (West)
3. Old Business
 - a. Draft statement of position/motion for Charge 9 (Schedule of Classes)
 - b. Revisit phrasing of recommendation for charge regarding access to ESIR data, as per Exec.
4. New Business
 - a. Choose new Vice Chair for the committee
 - b. Discussion of Charge 6 (Faculty Categories and Governance)
 - c. Add charge to review the Civility in the Classroom policy as proposed by the Deans.

STUDENT AFFAIRS COMMITTEE

Monday, January 23, 2012, 4:00 p.m. in COB 11th floor Board Room.

AGENDA #5

- I. Call to Order
- II. Adoption of the Agenda
- III. Minutes of December 1, 2011 Meeting
- IV. Clarification, discussion, and assignment of Charges for 2011-2012
 1. Representative to SGA Senate meetings. Valentine Muyumba.
 2. Monitor international student enrollment. J. Buffington
 3. Administer the Faculty Scholarship. M. Shahhosseini, A. Finch, S. Ghosh.

4. Examine the Summer School policy for tuition & fee requirements for students taking courses. Determine whether a single “bracketed fee” structure is feasible in summer as it is in the fall and winter. Brian Coldren, Kim Donat, and Robyn Osborn.
5. Continue to monitor the differences in GPA before and after implementation of the new plus/minus policy. Update on Senate action. J. Buffington, B. Coldren.
6. Continue to investigate the relationship and balance between fiscal health and academic standards. Ali Mehran Shahhosseini.
7. Compare ISU requirements for graduating cum laude, summa cum laude, and magna cum laude with sister institutions. J. Buffington
8. Determine whether there are actions that should be taken by Faculty Senate Committees resulting from the report on Barriers to Graduation delivered to the Board of Trustees. J. Shriver, A. Finch, S. Lewis.
9. Investigate the desirability of faculty support for the African-American study tables and other activities. Valentine Muyumba.
10. Consider policies as they relate to re-admission of students who have been previously dismissed for failing to meet academic standards. A. Finch, J. Schriver, B. Coldren, D. Thacker and Sam Lewis.
 - 10.1. Recommend revisions to policies that are routinely waived.
 - 10.2. Recommend revisions to policies that are ignored (perhaps because they are unrealistic or out of date)
 - 10.3. Examine the role of departments in the readmission process.
 - 10.4. Examine whether students should be allowed to be readmitted to Open Preference when they do not wish to return to their previous college and they do not yet meet entrance criteria for their desired major.

V. Reports

- A. Chairperson
- B. Administrative Representatives
- C. Student Representatives

VI. Old Business: President’s Affordability Task Force Subcommittee

VII. New Business

VII. Adjournment

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>
January 11	January 23
January 18	January 30
January 25	February 6
February 1	February 13
February 8	February 20
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

PHYS 405 - Senior Culminating Experience in Physics

1 credit

A culminating experience in physics. The course includes a significant independent literature research project on a specific and focused sub-discipline within the physical sciences. The course requires the student to give multiple presentations on this topic progressing in focus and scientific depth, culminating with a formal presentation on the current state-of-the-art of the sub-discipline. Leading scientific journals and faculty at Indiana State University will be used as resources. Attendance at departmental seminars is required.

Prerequisites: Senior standing (more than 93 total credits earned).

A-F Grading

Effective term: Fall 2012

SCOTT COLLEGE OF BUSINESS: Marketing and Operations

OCSM 455 - Global Sourcing and Procurement

3 credits

This course is designed to acquaint students with best practices, conceptual tools, and analytical skills necessary for successful procurement of goods and/or services on a global scale.

Prerequisite: OCSM 300 or BUS 351 or consent of department chairperson.

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

AHS 302 - Health Promotion and Aging

3 credits

This course provides an overview of healthy aging and wellness promotion for older adults. Students will learn about issues such as biological change, health behaviors, disease prevention, nutrition and physical exercise, sexuality, substance abuse, overmedication and dementia, and mental-health issues related to physical health among older adults.

A-F Grading

Effective term: Spring 2013

AHS 305 - Society and Aging

3 credits

This course provides an introduction to the social aspects of aging and the life course through

multiple ways of knowing. Students will differentiate between the aging individual and the aging population, discuss the social implications of an aging society, and seek to understand the social influences on older adults.

A-F Grading

Effective term: Fall 2012

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Art

ARTD 322 - Layout Design

3 credits

Experiences in graphic design and graphic processes.

Prerequisites: ARTD 220, 321, and 323, or consent of instructor.

Co-requisite: ARTD 420.

Change prerequisites to:

ARTD 322 - Layout Design

3 credits

Experiences in graphic design and graphic processes.

Prerequisites: ARTD 321 and 323, or consent of instructor.

A-F Grading

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

CHEM 105 - General Chemistry I

3 credits

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

Topics include atomic structure, physical properties of gases, nomenclature, molecular bonding and geometry, mass relationships in chemical equations, and thermochemistry. Because the course assumes adequate knowledge of algebra, the following is strongly recommended: prior completion or current enrollment in Mathematics 115 or higher, or a mathematics SAT score of 510 or higher, or an ACT score of at least 21.

Co-requisites: Concurrent enrollment in CHEM 105L, or consent of instructor or chairperson.

Note: Unless otherwise stated, all chemistry courses require laboratory work.

Change prerequisites to:

CHEM 105 - General Chemistry I

3 credits

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

Topics include atomic structure, physical properties of gases, nomenclature, molecular bonding and geometry, mass relationships in chemical equations, and thermochemistry. Because the

course assumes adequate knowledge of algebra, the following is strongly recommended: prior completion or current enrollment in Mathematics 115 or higher, or a mathematics SAT score of 510 or higher, or an ACT score of at least 21.

Prerequisites: Choose one of the following: SATM 510, ACTM 21, Maple TA score of 12 or higher, Math 099, Math 112, Math 115 or Math 131. Successful completion of or concurrent enrollment in CHEM 105L, or consent of instructor or chairperson.

Note: Unless otherwise stated, all chemistry courses require laboratory work.

A-F Grading

Effective term: Fall 2012

PHYS 105 - General Physics I

3 credits

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

An algebra-based introduction to physics with applications to other scientific disciplines. Topics include vectors, Newton’s laws of motion in one and two dimensions, work and energy, momentum and collisions, and wave motion. This course requires proficiency in intermediate algebra; prior completion of Mathematics 115 or higher is strongly recommended.

Co-requisites: PHYS 105L

Change prerequisites to:

PHYS 105 - General Physics I

3 credits

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

An algebra-based introduction to physics with applications to other scientific disciplines. Topics include vectors, Newton’s laws of motion in one and two dimensions, work and energy, momentum and collisions, and wave motion. This course requires proficiency in intermediate algebra; prior completion of Mathematics 115 or higher is strongly recommended.

Prerequisites: MATH 115 or MET 215 or MAPLE TA score of 21; concurrent enrollment in PHYS 105L.

A-F Grading

Effective term: Fall 2012

PHYS 205 - University Physics I

4 credits

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

Mechanics, heat, wave motion, and sound, with applications involving elementary calculus.

Prerequisites: Successful completion of or concurrent enrollment in MATH 131.

Co-requisites: PHYS 205L

Note: Required of physics majors and minors and of pre-engineering students.

Change , number, description and prerequisites to:

PHYS 115- University Physics I

4 credits

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

Mechanics, wave motion, and sound, with applications involving elementary calculus.

Prerequisites: Successful completion of or concurrent enrollment in PHYS 115L and MATH 131.

A-F Grading

Effective term: Fall 2012

PHYS 205L - University Physics I Laboratory

1 credits

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

The laboratory component of PHYS 205. Students will enroll in a two hour laboratory class.

Co-requisites: PHYS 205.

Change number, description and prerequisites to:

PHYS 115L - University Physics I Laboratory

1 credit

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

The laboratory component of PHYS 115.

Prerequisites: Successful completion of or concurrent enrollment in PHYS 115.

A-F Grading

Effective term: Fall 2012

PHYS 206 - University Physics II

4 credits

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

A continuation of PHYS 205 in the areas of optics, electricity, magnetism, and modern physics.

Prerequisites: PHYS 205; successful completion of or concurrent enrollment in MATH 132.

Co-requisites: PHYS 206L

Note: Required of physics majors and minors and of pre-engineering students.

Change number, description and prerequisites to:

PHYS 116- University Physics II

4 credits

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

A continuation of PHYS 115 with focus on electricity, magnetism and electromagnetic waves.

Prerequisites: PHYS 115; successful completion of or concurrent enrollment in PHYS 116L and MATH 132.

A-F Grading

Effective term: Fall 2012

PHYS 206L - University Physics II Laboratory

1 credits

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

The laboratory component of PHYS 206.

Co-requisites: PHYS 206

Note: Students will enroll in a two hour laboratory class.

Change number, description and prerequisites to:

PHYS 116L - University Physics II Laboratory

Link

(This course is part of the “Transfer Indiana” [TransferIN] initiative. For additional information, link to www.transferin.net/ctl.)

1 credits

The laboratory component of PHYS 116.

Prerequisites: Concurrent enrollment in PHYS 116

A-F Grading

Effective term: Fall 2012

PHYS 341 - Electricity and Magnetism

3 credits

Topics covered are electrostatics, electrical potential, electric fields around conductors, fields of moving charges, magnetic fields, electromagnetic induction, and Maxwell’s equations. Vector calculus is used.

Prerequisites: PHYS 206; MATH 132.

Change title, description and prerequisites to:

PHYS 341 - Electricity and Magnetism I

3 credits

Topics covered are electrostatics, electrical potential, electric fields around conductors, electric fields in matter, fields of moving charges, magnetic fields.

Prerequisites: PHYS 215, PHYS 321.

A-F Grading

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Interdisciplinary Programs

WS 301 - Gender, Nation, and Class

3 credits

An interdisciplinary and international study of the dynamics and intersections of gender, nation, and class. Using material from the humanities, art, social sciences, and sciences, this course examines the impact of race, ethnicity, national origin, sexuality, and class on women.

Prerequisites: WS 201

Note: Students who have taken 200 may petition the Women's Studies Director to take the course.

Foundational Studies Credit: FS 2010: [Global Perspectives and Cultural Diversity]

Change title and prerequisites to:

WS 301 - Gender, Race, Nation

3 credits

An interdisciplinary and international study of the dynamics and intersections of gender, race, and nation. Using material from the humanities, art, social sciences, and sciences, this course examines the impact of race, ethnicity, national origin, sexuality, and class on women.

Prerequisites: Junior standing

Foundational Studies Credit: FS 2010: [Global Perspectives and Cultural Diversity]

A-F Grading

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Psychology

PSY 375 - Statistics in Psychology

3 credits

This course focuses on statistics used in psychological research.

Prerequisites: PSY 201; appropriate placement examination score or MATH 099.

Change prerequisites to:

PSY 375 - Statistics in Psychology

3 credits

This course focuses on statistics used in psychological research.

Prerequisites: PSY 201; and MATH 099 or MATH 115 or a higher-level math course.

A-F Grading

Effective term: Fall 2012

PSY 484 - Field Work in Psychology

3 credits

Supervised experience in an applied setting in the community. Approval of field placement application by field placement coordinator required.

Prerequisites: PSY 384 or consent of instructor.

Change prerequisites to:

PSY 484 – Field Work in Psychology

3 credits

Supervised experience in an applied setting in the community. Approval of field placement

application by field placement coordinator required.

Prerequisites: PSY 384 with a B or better or consent of instructor.

A-F Grading

Effective term: Fall 2012

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

FCS 320 – Orientation to Dietetics

1 credit

Survey of roles of dietitians as members of management and health care teams. Legal and ethical considerations for dietitians and student dietitians in clinical experiences.

Note: (Dietetic students only.)

Change prefix, description and note to:

AHS 320 – Orientation to Dietetics

1 credit

Survey of roles of dietitians as members of management and health care teams in all areas of dietetics practice. Orientation to the profession of dietetics, including career options and professional organizations. Legal and ethical considerations for practicing dietitians and student dietitians in supervised practice experiences.

Note: Open to dietetic students only.

A-F Grading

Effective term: Fall 2012

FCS 322 - Nutrition Methodology

3 credits

Client focused methods and techniques for collecting data, communicating, and teaching individuals and groups in the practice setting. Theories of adult education, lesson planning, use of technology. Principles of nutrition education and evaluation. Orientation to the profession of dietetics including career options and professional organizations.

Prerequisites: FCS 221 and FCS 226 or permission of instructor.

Change prefix, title, and prerequisites to:

AHS 322 - Nutrition Intervention Methodologies

3 credits

In-depth investigation of client-centered methods for developing individual and group nutrition education and delivering nutrition counseling. Includes a focus on learning theory, communication, presentation style, the use of technology, and behavior change theory.

Prerequisites: AHS 221 or permission of instructor.

A-F Grading

Effective term: Fall 2012

FCS 324 - Nutritional Assessment

2 credits

Collection and interpretation of pertinent data relating to the nutritional care of the patient and/or client in the practice setting. Includes anthropometric, biochemical, dietary, historical, and clinical data. Development of patient oriented diet counseling instruction techniques.

Prerequisites: FCS 221, FCS 322, CPD students only, or permission of instructor

Change prefix, title, credit hours, description, and prerequisites to:

AHS 324 – Nutrition Care Process

3 credits

Discussion and application of the American Dietetic Association Nutrition Care Process. Case study driven application of assessment, diagnosis, development of PES statement, intervention, monitoring and evaluation of nutritional status.

Prerequisites: AHS 221, AHS 322, Dietetic student or permission of instructor.

A-F Grading

Effective term: Fall 2012

FCS 332 - Management of Quantity Food Production

2 credits

Quality management at all stages from menu planning through service.

Prerequisites: FCS 226 or equivalent

Change prefix, title, description, and prerequisites to:

AHS 332 - Quantity Food Production

2 credits

Quantity management of food service at all stages from menu planning through service.

Prerequisites: AHS 226 or equivalent.

A-F Grading

Effective term: Fall 2012

FCS 333 - Management of Quantity Food Production Practicum

2 credits

Quantity food supervised practice in a quantity food production setting. Participation in the various aspects of food service systems: production, use of equipment, service, receiving, storage. Continuous quality improvement will be stressed.

Prerequisites: FCS 226 or equivalent. Course is open to dietetics or food service management students or to students with permission of the instructor only.

Co-requisites: FCS 332

Change prefix, title, description, and prerequisites to:

AHS 333 – Quantity Food Production Supervised Practice

2 credits

Supervised practice in quantity food production settings. Participation in the various aspects of food service systems: production, use of equipment, service, receiving, storage. Continuous quality improvement and outcomes assessment are stressed.

Prerequisites: AHS 226 or equivalent.

Note: Course is open to dietetics or food service management students or to students with permission of the instructor only.

A-F Grading

Effective term: Fall 2012

FCS 421 - Nutrition through the Lifecycle

4 credits

Social, psychological, and physiological aspects of nourishing healthy individuals; investigation of the dynamics of the community and the relationship of nutrition services to the needs

throughout the lifecycle.

Prerequisites: 201 or 221.

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

Change prefix, title, credit hours, description, and prerequisites to:

AHS 421 Life Cycle Nutrition

3 credits

Investigation of the impact of nutrition on all stages of lifespan, from preconception and pregnancy through late adulthood. For every state of life, normal growth and development, nutrient needs, nutrition assessment and the most common nutritional deficiencies will be addressed.

Prerequisites: AHS 221 or permission of instructor.

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

A-F Grading

Effective term: Fall 2012

FCS 422 - Nutrition Through the Lifecycle Clinical Practicum

3 credits

Supervised food and nutrition experiences in community and health care settings.

Prerequisites: FCS 221, FCS 322. Dietetic students only. Requirement concurrent enrollment in 421.

Co-requisites: FCS 421

Change prefix, title, credit hours, description, and prerequisites to:

AHS 422 – Community Nutrition Supervised Practice

4 credits

Supervised practice experiences in community nutrition settings. This course provides students with the opportunity to apply nutrition assessment techniques in supervised community and clinical settings, assess community populations for available or needed services in food and nutrition, and develop and implement nutrition counseling and education strategies.

Prerequisites: AHS 221, AHS 322, AHS 421.

Co-requisites: AHS 425

Note: Open to dietetic students only.

A-F Grading

Effective term: Fall 2012

FCS 423 - Medical Nutrition Therapy

5 credits

Basis for dietary modifications necessary to meet the needs of the body during pathological conditions. Includes oral, as well as other enteral, and parenteral feeding routes.

Prerequisites: FCS 221; BIO 241; CHEM 330.

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

Change description and prerequisites to:

AHS 423 - Medical Nutrition Therapy

5 credits

This course addresses the basics for dietary modifications necessary to meet the needs of the body during pathological conditions. Includes oral, as well as other enteral, and parenteral feeding routes. Application of the nutrition care process to assess, diagnose, plan intervention, monitor and evaluate patient outcomes.

Prerequisites: AHS 221; BIO 231, BIO 241; BIO 274, BIO 412; CHEM 330.

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

A-F Grading

Effective term: Fall 2012

FCS 424 - Medical Nutrition Therapy Practicum

6 credits

Supervised experiences in hospitals and nursing homes, coordinated with didactic portion of FCS 423.

Prerequisites: Open to dietetic students only.

Co-requisites: FCS 423

Note: Sixteen hours clinical assignments and two hours of discussion weekly.

Change prefix, title, credit hours, description, and co-requisites to:

AHS 424 - Medical Nutrition Therapy Supervised Practice I

2 credits

Supervised nutrition care process and medical nutrition therapy experiences in hospitals. Coordinated with didactic portion of AHS 423.

Co-requisites: AHS 423

Note: Open to dietetics students only.

A-F Grading

Effective term: Fall 2012

FCS 428 - Food Science

3 credits

Experimental approach to the study of chemical and physical properties of foods. Includes laboratory.

Prerequisites: FCS 226, CHEM 103, 103L and 104, 104L or consent of instructor.

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

Change prefix and title to:

AHS 428 – Experimental Food Science

3 credits

Experimental approach to the study of chemical and physical properties of foods. Includes laboratory.

Prerequisites: FCS 226, CHEM 103, 103L and 104, 104L or consent of instructor.

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

Effective term: Fall 2012

FCS 430 - Food Service Systems Management

5 credits

Systems approach to organization and management of institutional food service.

Prerequisites: FCS 226 or equivalent; FCS 332.

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

Change prefix, title, and prerequisites to:

AHS 430 - Food Service Management Systems

5 credits

Systems approach to organization and management of institutional food service.

Prerequisites: AHS 226 or equivalent; AHS 332, AHS 333

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

A-F Grading

Effective term: Fall 2012

FCS 431 – Food Service Systems Management Practicum

6 credits

Supervised experiences in management of food service systems in hospitals, nursing homes, and schools.

Prerequisites: open to dietetics students only.

Co-requisites: FCS 430

Note: Eighteen-hour weekly clinical assignment.

Change prefix, title, note, prerequisites, remove co-requisites to:

AHS 431 - Food Service Management Supervised Practice

6 credits

Supervised practice in management of food service systems in hospitals, or long term care.

Prerequisites: AHS 430, open to dietetic students only.

Note: Twenty-hour weekly clinical assignment.

A-F Grading

Effective term: Fall 2012

FCS 435 - Individual Study in Dietetics

2 credits

Directed study in an area of particular interest or need.

Prerequisites: open to dietetics students only.

Note: Six-hour weekly clinical assignment

Change prefix, title, credit hours, description, note and prerequisites to:

AHS 435 – Medical Nutrition Therapy Supervised Practice II

6 credits

Individualized 20 hour per week supervised practice in Medical Nutrition Therapy. Culminating experience with developing performance as entry level dietitian.

Prerequisites: AHS 423 and AHS 424

Note: Open to dietetic students only.

A-F Grading

Effective term: Fall 2012

CHANGE PREFIX FROM FCS**TO AHS**

FCS 103	Human Development Within the Family Context	AHS 103
FCS 201	Fundamentals of Nutrition	AHS 201
FCS 237	Child Development	AHS 237
FCS 238	Adolescent Development	AHS 238
FCS 301	Family Resource Management	AHS 301
FCS 336	Family Relationships	AHS 336
FCS 337	Principles of Food Service Management	AHS 337
FCS 392	Practicum in Family and Consumer Sciences Education	AHS 392
FCS 402	Teaching an Integrated Unit	AHS 402
FCS 420	Advanced Nutrition	AHS 420
FCS 426	World Hunger and Nutrition	AHS 426
FCS 427	Cultural Aspects of Food	AHS 427
FCS 428	Experimental Food Science	AHS 428
FCS 429	Nutrition in Wellness	AHS 429
FCS 434	Food Service Systems II	AHS 434
FCS 436	Parent Education	AHS 436
FCS 441	Family Life Education Methods	AHS 441
FCS 446	Culturally Disadvantaged Child & Family	AHS 446
FCS 448	Human Development & Family Studies Practicum	AHS 448
FCS 449	Human Development & Family Studies Internship	AHS 449
FCS 497D	Special Problems in Family and Consumer Sciences Ed.	AHS 497D
FCS 497F	Special Problems in Food and/or Nutrition	AHS 497F

A-F Grading

Effective term: Fall 2012

HLTH 201 - Introduction to Aviation Environmental Management

2 credits

An overview of current environmental health related issues in aviation communities such as stormwater, noise, air pollution, SPCC (Spill Prevention, Control, and Countermeasure) compliance, environmental impact assessment, and environmental justice. The basic principles involved in pollution prevention and control technology and regulations related to those issues will also be discussed.

Change prefix and number to:

AHS 211 - Introduction to Aviation Environmental Management

2 credits

An overview of current environmental health related issues in aviation communities such as stormwater, noise, air pollution, SPCC (Spill Prevention, Control, and Countermeasure) compliance, environmental impact assessment, and environmental justice. The basic principles involved in pollution prevention and control technology and regulations related to those issues are also discussed.

A-F Grading

Effective term: Fall 2012

HLTH 221 - Public Health Concepts

3 credits

An introduction to the health issues and needs in various types of communities and public health settings, and to the concepts of effective health promotion, program planning, and evaluation.

Prerequisites: HLTH 111 or consent of instructor.

Change prefix and number and remove prerequisites to:

AHS 220 - Public Health Concepts

3 credits

An introduction to the health issues and needs in various types of communities and public health settings, and to the concepts of effective health promotion, program planning, and evaluation.

A-F Grading

Effective term: Fall 2012

HLTH 341 - Health and Safety Research Methods

3 credits

An introduction to the scientific method and those research methods most applicable to health and safety. Includes interpreting scientific research; research design; sampling methods; and data collection, analysis, interpretation, and presentation.

Prerequisites: HLTH 221, 340, or consent of instructor.

Change prefix, description and change prerequisites to:

AHS 341 - Health Sciences Research Methods

3 credits

An introduction to the scientific method and those research methods most applicable to Health Sciences. Includes interpreting scientific research; research design; sampling methods; and data collection, analysis, interpretation, and presentation.

Prerequisites: AHS 340, or consent of instructor.

A-F Grading

Effective term: Fall 2012

HLTH 377 - Environmental Field Sampling and Analysis

3 credits

Introducing the principle of environmental quality assessment methods via field sampling, laboratory analysis, data analysis and presentation.

Prerequisites: HLTH 210, and CHEM 106, 106L; BIO 102, 102L; or consent of instructor.

Change prefix and change prerequisites to:

AHS 377 - Environmental Field Sampling and Analysis

3 credits

Introducing the principle of environmental quality assessment methods via field sampling, laboratory analysis, data analysis and presentation.

Prerequisites: AHS 210; or consent of instructor.

A-F Grading

Effective term: Fall 2012

HLTH 402 - Mental Health and Stress Education

3 credits

Designed to enable health educators to establish sound foundations and teaching strategies in

mental health and stress education.

Prerequisites: HLTH 392 or consent of instructor.

Change prefix, number and change prerequisites to:

AHS 410 - Mental Health and Stress Education

3 credits

Designed to enable health educators to establish sound foundations and teaching strategies in mental health and stress education.

Prerequisites: AHS 392 or consent of instructor.

A-F Grading

Effective term: Fall 2012

HLTH 424 - Health Promotion Planning

3 credits

An in-depth examination of the concepts, methods, and techniques involved in planning health activities. Includes needs assessment, health promotion models, application, and evaluation.

Teaches use of computerized assessment, flow charting, and presentation software.

Prerequisites: HLTH 221, 340, 341, 392, 401, 402, 403, 406, or consent of instructor.

Change prefix, number and change prerequisites to:

AHS 414 - Health Promotion Planning

3 credits

An in-depth examination of the concepts, methods, and techniques involved in planning health activities. Includes needs assessment, health promotion models, application, and evaluation.

Teaches use of computerized assessment, flow charting, and presentation software.

Prerequisites: AHS 220, 340, 341, 392, 401, 410, 403, 406, or consent of instructor.

A-F Grading

Effective term: Fall 2012

HLTH 425 - Toxicology

3 credits

Principles and theories of poisoning; the mode of action of toxic substances; physiological systems affecting mechanisms of occurrence; prevention, treatment, and analysis.

Prerequisites: BIO 102, 102L; CHEM 106, 106L; or consent of instructor.

Change prefix, number and change prerequisites to:

AHS 415 - Toxicology

3 credits

Principles and theories of poisoning; the mode of action of toxic substances; physiological systems affecting mechanisms of occurrence; prevention, treatment, and analysis.

Prerequisites: BIO 102, 102L; CHEM 106, 106L; or consent of instructor.

A-F Grading

Effective term: Fall 2012

HLTH 427 - Special Subjects in Health and Safety

1-4 credits

Application of basic principles and current processes of problem solving to health and safety matters. Procedures and approaches for the development of impact documents will be studied.

Note: Course may be repeated as a separate topic; however, the total credit received by a student for these courses may not exceed 6 hours. Open to graduate students. Graduate students are

required to do additional work of a research nature.

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

AHS 417 - Topics in Health and Safety

1-4 credits

Application of basic principles and current processes of problem solving to health and safety matters. Procedures and approaches for the development of impact documents will be studied.

Repeatable: Course may be repeated as a separate topic; however, the total credit received by a student for these courses may not exceed 6 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

HLTH 428 - Health Program Evaluation

3 credits

An in-depth examination of the concepts, methods, and techniques involved in evaluating health programs. Includes validity and reliability, scales and tests, measurement, data analysis, and report writing. Teaches use of computer to analyze data and present results.

Prerequisites: HLTH 221, 392, 401, 402, 403, 406, 424, or consent of instructor.

Change prefix, number, description and prerequisites to:

AHS 418 - Health Program Evaluation

3 credits

An in-depth examination of the concepts, methods, and techniques involved in planning health activities. Includes needs assessment, health promotion models, application, and evaluation. Teaches use of computerized assessment, flow charting, and presentation software.

Prerequisites: AHS 220, 340, 341, 360, 392, 414, or consent of instructor.

A-F Grading

Effective term: Fall 2012

HLTH 429 - Hazardous Substances and Waste Materials

3 credits

A study of storage of hazardous and toxic substances used in the work environment, as well as the proper means by which waste materials must be disposed.

Change prefix to:

AHS 419 - Hazardous Substances and Waste Materials

3 credits

A study of storage of hazardous and toxic substances used in the work environment, as well as the proper means by which waste materials must be disposed.

A-F Grading

Effective term: Fall 2012

HLTH 437 - Pollution Prevention and Control Technology

3 credits

Introducing state of art technology in prevention and control of biological, chemical, and physical pollutants in various media of the environment generated by different sources.

Prerequisites: HLTH 210 and CHEM 106, 106L, or consent of instructor.

Change prefix and prerequisites to:

AHS 437 - Pollution Prevention and Control Technology

3 credits

Introducing state of art technology in prevention and control of biological, chemical, and physical pollutants in various media of the environment generated by different sources.

Prerequisites: AHS 210 or consent of instructor.

A-F Grading

Effective term: Fall 2012

HLTH 446 - Individual, Community, and General Safety Education

3 credits

This course emphasizes the strategies designed to prevent accidents, develops the concept of self help and mutual aid in accident and disaster occurrences, and reinforces the need to minimize losses in the social, economic, physical, and emotional criteria of human conservation. It is also designed to provide an overview of the major safety problems of the 21st century and to promote safety education in schools, social agencies, and the community.

Change prefix and number to:

AHS 416 - Individual, Community, and General Safety Education

3 credits

This course emphasizes the strategies designed to prevent accidents, develops the concept of self help and mutual aid in accident and disaster occurrences, and reinforces the need to minimize losses in the social, economic, physical, and emotional criteria of human conservation. It is also designed to provide an overview of the major safety problems of the 21st century and to promote safety education in schools, social agencies, and the community.

A-F Grading

Effective term: Fall 2012

HLTH 480 - Senior Seminar

3 credits

Supervised experience in an applied setting.

Prerequisites: HLTH 221, 392, 401, 402, 403, 406, or consent of instructor.

Note: Majors may repeat this course one time for credit as long as the hours are in addition to the 47-hour major.

Change prefix, description and prerequisites to:

AHS 480 - Senior Seminar

3 credits

Supervised experience in an applied setting.

Prerequisites: AHS 220, 360, 392, 414; FIN 200; ACCT 200; MGT 301; MKTG 301 or consent of instructor

Co-requisites: AHS 428 or consent of instructor

A-F Grading

Effective term: Fall 2012

HLTH 491 - Health Sciences Internship

3 credits

Field work in a health setting.

Prerequisites: HLTH 221, 392, 401, 402, 403, 406, 424, 428, 480, or consent of instructor.

Note: Placement of interns is conditional on the availability of internships and the University

assumes no absolute responsibility to place each and every student in an internship.

Change prefix and prerequisites to:

AHS 491 - Health Sciences Internship

3 credits

Field work in a health setting

Prerequisites: AHS 111, 220, 340, 341, 360, 392, 393, 401, 403, 410,406, 414, 418, 480; FIN 200; ACCT 200; MKTG 301; MGT 301; or consent of instructor

Note: Placement of interns is conditional on the availability of internships and the University assumes no absolute responsibility to place each and every student in an internship.

A-F Grading

Effective term: Fall 2012

CHANGE PREFIX FROM HLTH	TO AHS
HLTH 111 - Personal Health Science and Wellness	AHS 111
HLTH 112 - Computing Literacy in Health, Environmental, and Safety Sciences	AHS 112
HLTH 199 - Honors Summer Seminar for High School Students	AHS 199
HLTH 202 - Independent Research in Health and Safety	AHS 202
HLTH 210 - Principles of Environmental Health	AHS 210
HLTH 211 - Emergency Medical Care and Advanced First Aid	AHS 211
HLTH 211L - Advanced Emergency Medical Skill Proficiency Laboratory	AHS 211L
HLTH 313 - Comprehensive School Health Education	AHS 313
HLTH 321 - Emergency Medical Care and First Aid	AHS 321
HLTH 321L - Emergency Medical Care and First Aid Laboratory	AHS 321L
HLTH 326 - Accident and Disaster Control	AHS 326
HLTH 327 - School Health for the Elementary Teacher	AHS 327
HLTH 340 - Health Biostatistics	AHS 340
HLTH 352 - Environmental Laws and Administration	AHS 352
HLTH 356 - Water and Environmental Health	AHS 356
HLTH 360 - Epidemiology	AHS 360
HLTH 377L - Environmental Field Sampling and Analysis Laboratory	AHS 377L
HLTH 393 - Cooperative Practice	AHS 393
HLTH 401 - Substance Abuse Education	AHS 401
HLTH 403 - Communicable and Chronic Diseases, and AIDS	AHS 403
HLTH 404 - Consumer Health and Quackery Education	AHS 404
HLTH 405 - Nutrition Education	AHS 405
HLTH 406 - Human Sexuality Education	AHS 406
HLTH 407 - Peer Health Facilitation	AHS 407
HLTH 409 - Health Screening	AHS 409
HLTH 409L - Health Screening Laboratory	AHS 409L
HLTH 415A - Driver Education Task Analysis	AHS 415A
HLTH 415B - Developing Driver Skills and Competencies	AHS 415B
HLTH 438 - Technical Seminar in Environmental Health Sciences	AHS 438
HLTH 444 - Public Health Administration	AHS 444
HLTH 445 - Developing Classroom Knowledge and Program Management	AHS 445
HLTH 453 - Air Quality	AHS 453
HLTH 457 - Food Protection	AHS 457
HLTH 490 - Professional Field Practice Internship	AHS 490

A-F Grading

Effective term: Fall 2012

SCOTT COLLEGE OF BUSINESS: Marketing and Operations

OMA 435 - Decision Modeling

3 credits

An introduction to the application of management science techniques and statistical tools to business decisions. Students will learn the assumptions and techniques necessary to apply and to implement solutions from optimization and other decision science models. The focus of the course will be on problem solving, which includes problem definition, problem analysis, evaluation and choice of alternatives, and implementation and evaluation of the decision.

Prerequisites: BUS 305 with a minimum grade of C, or consent of Department Chairperson.

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

Change title, description, prefix and prerequisites to:

OCSM 435 - Business Analytics

3 credits

Applications of Business Analytics to decision making. Students will learn the assumptions and techniques necessary to apply and to implement solutions from optimization, decision analytic, and simulation models to complex business decisions.

Prerequisites: OSCM 320 or consent of the department chairperson.

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

A-F Grading

Effective term: Fall 2012

OMA 445 - Advanced Operations Management

3 credits

This course extends the work done in earlier courses. Some of the latest techniques and concepts in production and service operations management are taught. Possible topics include operations strategy, service system design, supply chain management, project management, production planning and control, and enterprise resource planning. The main emphasis of the course is to focus on current and strategic issues.

Prerequisites: BUS 351 or equivalent with a minimum grade of C, or consent of Department Chairperson.

Change title, description, prefix and prerequisites to:

OCSM 445 - Business Process Improvement

3 credits

Covers a variety of tools and techniques used for understanding, analyzing, and improving work processes and environments. Heavy emphasis on Lean principles and the Six Sigma body of knowledge. Students who successfully complete this course will satisfy the body of knowledge requirement for a Six Sigma "Green Belt" certification.

Prerequisites: BUS 351.

Co-requisite: OSCM 44.

A-F Grading

Effective term: Fall 2012

COURSE REACTIVATIONS

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

FCS 425 – Nutrition for Family and Consumer Sciences Education

3 credits

Principles of nutrition; methods of nutrition education; planning for meals in child care centers.

Change prefix, title, description, and add prerequisites to:

AHS 425 – Community Nutrition

3 credits

In-depth discussion of nutritional status of population groups, as well as the federal, state, and local public and private community nutrition programs and interventions targeted to meet their nutritional needs. Information on the structure and funding of the community nutritional agencies and programs, including the legislative process, is also discussed.

Prerequisites: AHS 201 or AHS 221, AHS 421 or permission of instructor

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

A-F Grading

Effective term: Fall 2012

FCS 432 – Quantity Food Purchasing

3 credits

Principles and techniques related to procurement of food in quantity and quality control.

Prerequisite: 334.

Change prefix, title, credit hours, description, and prerequisites to:

AHS 432 – Food and Nutrition Summer Supervised Practice

1 credit

Supervised practice experiences in community nutrition and health care settings.

Prerequisites: AHS 322, AHS 324, AHS 420, AHS 421/521, AHS 422, AHS 425/525

Note: Open to dietetic students only

A-F Grading

Effective term: Fall 2012

COURSE BANKING

COLLEGE OF ARTS AND SCIENCES: English

ENG 236 - World Literature and Culture I

ENG 237 - World Literature and Culture II

ENG 412 - Folk Speech in the United States

Effective term: Fall 2012

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

FCS 325 – Nutrition Assessment Practicum

NEW PROGRAMS

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

Gerontology Certificate (12 credits)

CIP Code: 30.1101 Major Code:

Brief Summary:

As the world's population continues to age, many opportunities and challenges present themselves. We need to foster a society that both encourages and allows older adults to remain actively engaged, sharing critical knowledge, skills, and experience with younger generations. Recognizing the prevalence of chronic health conditions among older adults, we must continue to provide necessary health care to the most rapidly growing segment of the population, particularly in underserved areas. We have to identify and address stereotypes of aging that impair quality of life for the subjects of such stereotypes as well as those who hold them. These issues and many others facing society as the population ages are dealt with in the Indiana State University Gerontology program. Students from a variety of majors, for example those in the Applied Health Sciences majors, Nursing, Kinesiology, Recreation, and Sports, Social Work, Psychology, and Music, among others, are prepared with the knowledge and experience necessary to succeed in age-related careers. Aging is both a personal experience and a social phenomenon and is addressed at all ecological levels in the Gerontology program at ISU.

Student Learning:

Student objectives and outcomes:

Objective 1: Understand the aging process.

Outcome 1a: Describe normal changes associated with aging.

Outcome 1b: Distinguish between normal aging changes and changes/behaviors associated with pathological conditions.

Objective 2: Think critically about and take an informed position on aging issues in society.

Outcome 2a: Describe major substantive areas of aging such as politics, health, family relationships and caregiving, work and retirement, economic well-being, housing, and demographics.

Outcome 2b: Critique public policies that affect older adults.

Outcome 2c: Relate analysis of scholarly literature to individual older adults' experiences.

Objective 3: Contribute actively to the well-being of older adults.

Outcome 3a: Explain Medicare to older adults and their families in broad terms.

Outcome 3b: Evaluate wellness programs for older adults.

Outcome 3c: Refer older adults and their families to appropriate service providers (e.g., for help with Medicare questions).

Proposed Catalog Copy:

Gerontology Certificate (12 credits)

CIP Code: 30.1101 Major Code:

As the world's population continues to age, many opportunities and challenges present themselves. Issues society faces as the population ages are dealt with in the Indiana State University Gerontology Certificate program. Students are prepared with the knowledge and experience necessary to succeed in age-related careers, from psychology to recreation and sports management to nursing. Aging is both a personal experience and a social phenomenon and is addressed at all ecological levels.

Required Courses (9 credits):

AHS 305 – Society and Aging 3 credits

AHS 302 – Health Promotion and Aging 3 credits

AHS 491 – Health Sciences Internship 3 credits

Elective Courses (choose 3 credits from the following):

RCSM 473 – Aging and Leisure 3 credits

SOC 421 – Sociology of Aging and Retirement 3 credits

SOC 472 – Families in Later Life 3 credits

Effective term: Fall 2012

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

Physics Minor (32 credits)

CIP Code: 400801 Major Code: 1423

Brief Summary:

Revisions are proposed for the physics minor curriculum. These revisions stem from changes in course number for PHYS 205/206 to PHYS 115/116 and replacement of two required physics courses with one required elective. These changes reduce by 3 credits the total number of credits required to complete the physics minor.

The proposed changes are:

1. PHYS 115, 115L and PHYS 116, 116L are added to the Physics Minor Curriculum. They replace PHYS 205, 205L and PHYS 206, 206L, respectively (separate course proposal forms

have been submitted).

2. PHYS 205, 205L and PHYS 206, 206L are eliminated from the physics minor curriculum.

3. PHYS 310 and 341 are no longer required for the Physics Minor. These courses are replaced by an elective course.

Student Learning:

PHYS 205 and 206 are the first year courses in physics that all physics majors are required to take. Changing the number to PHYS 115 and PHYS 116 more appropriately reflects this fact.

Proposed Catalog Copy:

Physics Minor (29 credits)

CIP Code: 400801 Major Code: 1423

Required Physics (21 credits):

PHYS 115 - University Physics I 4 credits
PHYS 115L - University Physics I Laboratory 1 credit
PHYS 116 - University Physics II 4 credits
PHYS 116L - University Physics II Laboratory 1 credit
PHYS 215 - Modern Physics I 3 credits
PHYS 215L - Modern Physics I Laboratory 1 credit
PHYS 216 - Modern Physics II 3 credits
PHYS 216L - Modern Physics II Laboratory 1 credit

Choose one from the following:

PHYS 309 – Statics 3 credits
PHYS 310 – Analytical Mechanics 3 credits
PHYS 341 – Electricity and Magnetism I 3 credits
PHYS 420 – Thermodynamics and Statistical Mechanics 3 credits
PHYS 497 - Quantum Mechanics

Required Mathematics (8 credits):

MATH 131 - Calculus I 4 credits
MATH 132 - Calculus II 4 credits
Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

Physics Major (63-65 credits)

CIP Code: 400801 Major Code: 1423

Brief Summary:

Revisions are proposed for the physics major curriculum. These revisions stem from changes in course number for PHYS 205/206 to PHYS 115/116 and introduction of a new course (PHYS 405). Physics majors fulfill program requirements by completing a common Core Curriculum and one of three concentrations (Professional Physics, Chemical Physics, and Engineering Physics).

The proposed revisions are:

1. PHYS 115, 115L and PHYS 116, 116L are added to the Core Curriculum. They replace PHYS 205, 205L and PHYS 206, 206L, respectively (separate course proposal forms have been submitted).
2. PHYS 205, 205L and PHYS 206, 206L are eliminated from the physics major curriculum.
3. PHYS 405 (Senior Culminating Experience in Physics) is added to the Core Curriculum.
4. PHYS 322 is removed from the Core Curriculum.
5. PHYS 322 is added to the Professional Physics concentration and to the Chemical Physics concentration.
6. PHYS 405 is added to the core.

The proposed revisions increase by one the total credits required to complete the physics major.

Student Learning:

PHYS 205 and 206 are the first year courses in physics that all physics majors are required to take. Changing the number to PHYS 115 and PHYS 116 more appropriately reflects this fact.

PHYS 322 (Mathematical Methods for Physics II) is removed from the Core Curriculum since it is not required for all three concentrations. PHYS 322 is added to the Professional Physics concentration and to the Chemical Physics concentration since it is a prerequisite for courses required for these concentrations (PHYS 420 and PHYS 497).

PHYS 405 (Senior Culminating Experience in Physics) is added to the Core Curriculum in order to comply with the University Board of Trustees' directive that all programs have a culminating experiential learning experience. This course is required of all physics majors with senior standing (more than 93 total earned credits).

Proposed Catalog Copy:

Physics Major (62-66 credits)

CIP Code: 400801 Major Code: 1423

Core Curriculum (43 credits):

Required Chemistry (8 credits):

CHEM 105 - General Chemistry I 3 credits

CHEM 105L - General Chemistry I Laboratory 1 credit

CHEM 106 - General Chemistry II 3 credits

CHEM 106L - General Chemistry II Laboratory 1 credit

Required Mathematics (8 credits):

MATH 131 - Calculus I 4 credits

MATH 132 - Calculus II 4 credits

Required Physics (27 credits):

PHYS 115 - University Physics I 4 credits

PHYS 115L - University Physics I Laboratory 1 credit

PHYS 116 - University Physics II 4 credits

PHYS 116L - University Physics II Laboratory 1 credit

PHYS 215 - Modern Physics I 3 credits

PHYS 215L - Modern Physics I Laboratory 1 credit

PHYS 216 - Modern Physics II 3 credits

PHYS 216L - Modern Physics II Laboratory 1 credit

PHYS 310 - Analytical Mechanics 3 credits

PHYS 321 Mathematical Methods in Physics I 2 credits

PHYS 341 - Electricity and Magnetism I 3 credits

PHYS 405 Senior Culminating Experience in Physics 1 credit

Complete one of the concentrations to fulfill program requirements:

Chemical Physics Concentration (21 credits):

This program is designed for the student who wishes to pursue an advanced degree or career at the interface of physics and chemistry or in materials science.

Required Chemistry (14 credits):

CHEM 321 - Analytical Chemistry 4 credits

CHEM 461 - Physical Chemistry I 4 credits

CHEM 461L - Experimental Physical Chemistry I 1 credit

CHEM 462 - Physical Chemistry II 4 credits

CHEM 462L - Experimental Physical Chemistry II 1 credit

Required Physics (7 credits):

PHYS 315 - Advanced Laboratory I 1 credit

PHYS 316 - Advanced Laboratory II 1 credit

PHYS 322 - Mathematical Methods in Physics II 2 credits

PHYS 497 - Quantum Mechanics 3 credits

Engineering Physics Concentration (19 credits)

This program is designed for the student who wishes to pursue an advanced degree or career in

applied physics or engineering.

Required Computer Science (3 credits):

CS 256 - Principles of Structured Design 3 credits

Required Mechanical Engineering Technology (11 credits):

MET 103 - Introduction to Technical Graphics with CAD 3 credits

MET 130 - Introduction to Engineering and Technology 2 credits

MET 203 - Introduction to Solid Modeling 3 credits

MET 404 - Engineering Design and Management 3 credits

Required Physics (5 credits):

PHYS 309 - Statics 3 credits

PHYS 315 - Advanced Laboratory I 1 credit

PHYS 316 - Advanced Laboratory II 1 credit

Professional Physics Concentration (23 credits):

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

Required Mathematics (7 credits):

MATH 231 - Calculus III 4 credits

MATH 333 - Differential Equations 3 credits

Required Physics (16 credits):

PHYS 311 - Analytical Mechanics II 3 credits

PHYS 315 - Advanced Laboratory I 1 credit

PHYS 316 - Advanced Laboratory II 1 credit

PHYS 322 - Mathematical Methods in Physics II 2 credits

PHYS 342 - Electricity and Magnetism II 3 credits

PHYS 420 - Thermodynamics and Statistical Mechanics 3 credits

PHYS 497 - Quantum Mechanics 3 credits

Effective term: Fall 2012

COLLEGE OF ARTS AND SCIENCES: Psychology

Psychology Major (40-43 semester hours minimum)

CIP Code: 420101 Major Code: 3722

Brief Summary:

The department is making two revisions to the Psychology Major:

1. The MATH requirement is being changed from MATH 099 or greater to MATH 099 or MATH 115.
2. The minimum grade of C is being applied to the Psychology core courses.

Proposed Catalog Copy:

Psychology Major (40-43 semester hours minimum)
CIP Code: 420101 Major Code: 3722

Required Psychology Core (28 credits minimum):

PSY 101 - General Psychology: Understanding Human Behavior 3 credits
PSY 150 - Careers in Psychology 1 credits
PSY 201 - Introduction to Research Methods in Psychology 3 credits
PSY 375 - Statistics in Psychology 3 credits
PSY 376 - Advanced Research and Writing 3 credits

Select at least 5 of the following additional core courses:

PSY 266 - Developmental Psychology 3 credits
PSY 270 - Psychological Orientation to Social Psychology 3 credits
PSY 310 - Learning 3 credits
PSY 342 - Perception 3 credits
PSY 344 - Cognitive Psychology 3 credits
PSY 356 - Physiological Psychology 3 credits
PSY 362 - Psychology of Personality 3 credits
PSY 368 - Introduction to Abnormal Psychology 3 credits

Psychology core courses must be completed with a minimum grade of C.

Required Mathematics (0-3 credits):

MATH 099 - Intermediate Algebra 3 credits (credits do not count towards major or graduation)
or
MATH 115 – College Algebra 3 credits

Directed Electives (9 credits):

Any courses offered in the Department of Psychology.

Culminating Experience (3 credits):

Complete one of the following courses with a minimum grade of C:

PSY 484 - Field Work in Psychology 3 credits

PSY 486 - Research in Psychology 3 credits
PSY 499T - Honors Thesis 3-6 credits

Note: At least 18 credits of psychology courses must be taken from Indiana State University.
Effective term: Fall 2012

GRADUATE PROPOSALS

NEW COURSES

SCOTT COLLEGE OF BUSINESS: Marketing and Operations

OCSM 555 - Global Sourcing and Procurement

3 credits

This course is designed to acquaint students with best practices, conceptual tools, and analytical skills necessary for successful procurement of goods and/or services on a global scale.

Prerequisite: OCSM 300 or BUS 351 or graduate student status.

A-F Grading

Effective term: Fall 2012

OCSM 565 - Service Operations Management

3 credits

This course examines the management of services, focusing on both the strategic and operational aspects of designing new services, assessing and improving service quality, improving the efficiency and effectiveness of service processes, and how new technologies can be integrated into service operations to help achieve these objectives.

Prerequisite: OCSM 300 or BUS 351 or graduate student status.

A-F Grading

Effective term: Fall 2012

COURSE REVISIONS

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

CHANGE PREFIX FROM FCS

TO AHS

FCS 500	Study Abroad	AHS 500
FCS 520	Advanced Nutrition	AHS 520
FCS 521	Nutrition Through the Lifecycle	AHS 521
FCS 523	Medical Nutrition Therapy	AHS 523
FCS 527	Cultural Aspects of Food	AHS 527
FCS 528	Experimental Food Science	AHS 528
FCS 529	Nutrition in Wellness	AHS 529
FCS 530	Food Service Systems Management	AHS 530
FCS 536	Child and Family	AHS 536
FCS 537	Infant Development	AHS 537

FCS 538	Child Development	AHS 538
FCS 540	Family Life Education in School and Community	AHS 540
FCS 541	Family Life Education	AHS 541
FCS 546	Culturally Disadvantaged Child and Family	AHS 546
FCS 549	Practicum in Child Development and Family Life	AHS 549
FCS 571	Recent Trends in Home Management	AHS 571
FCS 576	Family Financial Management	AHS 576
FCS 581	Organization and Coordination of Vocational Education	AHS 581
FCS 593	Philosophy and Methods of Adult Education for Vocational	AHS 593
FCS 597CDFL	Special Problems	AHS 597
FCS 597ED	Special Problems	AHS 597
FCS 597EM	Special Problems	AHS 597
FCS 597F	Special Problems	AHS 597
FCS 598	Intro to Techniques of Coordination of Cooperative Ed	AHS 598
FCS 622	Community Nutrition	AHS 622
FCS 623	Advanced Diet Therapy	AHS 623
FCS 629	Seminar in Nutrition	AHS 629
FCS 634	Advanced Institutional Organization and Management	AHS 634
FCS 635	Research in Food and Nutrition	AHS 635
FCS 647	Seminar in Marriage and Family Life	AHS 647
FCS 692CF	Workshop	AHS 692
FCS 692ED	Workshop	AHS 692
FCS 692EM	Workshop	AHS 692
FCS 692F	Workshop	AHS 692
FCS 694	Curriculum Development in Family and Cons Sciences	AHS 694
FCS 695	Evaluation in Family and Consumer Sciences	AHS 695
FCS 699CF	Master's Thesis	AHS 699
FCS 699ED	Master's Thesis	AHS 699
FCS 699EM	Master's Thesis	AHS 699

A-F Grading

Effective term: Fall 2012

UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: English

ENG 230 - Literary Analysis

3 credits

An introduction to the intrinsic study of literature through close reading of a small body of prose, poetry, and drama. Emphasis on interpreting literature, analyzing literary structure and style, and judging literary value. Attention given to terminology, genre distinctions, and traditions and conventions.

Change description to:

ENG 230 - Literary Analysis

3 credits

An introduction to the study of fiction, poetry, and drama through close reading and interpretation using contemporary critical approaches. Emphasis on genre distinctions, formal elements, terminology, conventions, traditions, themes, and theories of criticism.

A-F Grading

Effective term: Fall 2012

ENG 338 - Literature and Ideas

3 credits

Examining literary and artistic responses to the issues that shape public life locally and globally.

Foundational Studies Credit: [FS 2010: Literary Studies]

Add prerequisites to:

ENG 338 - Literature and Ideas

3 credits

Examining literary and artistic responses to the issues that shape public life locally and globally.

Prerequisite: ENG 105, 107, or 108.

Foundational Studies Credit: [FS 2010: Literary Studies]

A-F Grading

Effective term: Fall 2012

ENG 430 - Literature and Culture of the Middle Ages

3 credits

Major works of Western literature studied within the context of the intellectual and artistic movements of the Middle Ages.

Prerequisites: ENG 250, 251

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

Change prerequisites to:

ENG 430 - Literature and Culture of the Middle Ages

3 credits

Major works of Western literature studied within the context of the intellectual and artistic movements of the Middle Ages.

Prerequisites: ENG 250.

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

A-F Grading

Effective term: Fall 2012

ENG 440 - Early American Literature

3 credits

Representative American literature from the European arrival through the early nineteenth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 240, 241

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

Change prerequisites to:

ENG 440 - Early American Literature

3 credits

Representative American literature from the European arrival through the early nineteenth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 240.

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

A-F Grading

Effective term: Fall 2012

ENG 441 - American Renaissance Literature

3 credits

Representative American literature of the mid-nineteenth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 240, 241

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

Change prerequisites to:

ENG 441 - American Renaissance Literature

3 credits

Representative American literature of the mid-nineteenth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 240.

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

A-F Grading

Effective term: Fall 2012

ENG 442 - American Realism and Naturalism

3 credits

Representative American literature of the late nineteenth and early twentieth centuries, studied against its intellectual, historical, and social background.

Prerequisites: ENG 240, 241

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

Change prerequisites to:

ENG 442 - American Realism and Naturalism

3 credits

Representative American literature of the late nineteenth and early twentieth centuries, studied against its intellectual, historical, and social background.

Prerequisites: ENG 241.

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

A-F Grading

Effective term: Fall 2012

ENG 444 - Modern American Literature

3 credits

Representative American literature since the early twentieth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 240, 241

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

Change prerequisites to:

ENG 444 - Modern American Literature

3 credits

Representative American literature since the early twentieth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 241.

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

A-F Grading

Effective term: Fall 2012

ENG 447 - Seminar in American Literature

2-3 credits

Topic changes from term to term.

Prerequisites: ENG 240, 241

Note: May be repeated for credit when topic is different. Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prerequisites to:

ENG 447 - Seminar in American Literature

2-3 credits

Topic changes from term to term.

Prerequisites: ENG 240 or 241.

Note: May be repeated for credit when topic is different. Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Effective term: Fall 2012

ENG 450 - Chaucer

3 credits

The life and writings of Chaucer, including the cultural and literary backgrounds of his art. Read in Middle English and modern translation.

Prerequisites: ENG 250, 251

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

Change prerequisites to:

ENG 450 - Chaucer

3 credits

The life and writings of Chaucer, including the cultural and literary backgrounds of his art. Read in Middle English and modern translation.

Prerequisites: ENG 250.

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

A-F Grading

Effective term: Fall 2012

ENG 451 - English Renaissance Literature

3 credits

Representative English literature from the early sixteenth century through the mid-seventeenth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 250, 251

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

Change prerequisites to:

ENG 451 - English Renaissance Literature

3 credits

Representative English literature from the early sixteenth century through the mid-seventeenth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 250

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

A-F Grading

Effective term: Fall 2012

ENG 452 - Restoration and Eighteenth Century Literature

3 credits

Representative British literature from the mid-seventeenth century through the late eighteenth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 250, 251

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

Change prerequisites to:

ENG 452 - Restoration and Eighteenth Century Literature

3 credits

Representative British literature from the mid-seventeenth century through the late eighteenth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 250.

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

A-F Grading

Effective term: Fall 2012

ENG 453 - British Romantic Literature

3 credits

Representative British literature from the late eighteenth century through the mid-nineteenth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 250, 251

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

Change prerequisites to:

ENG 453 - British Romantic Literature

3 credits

Representative British literature from the late eighteenth century through the mid-nineteenth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 250.

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

A-F Grading

Effective term: Fall 2012

ENG 454 - Victorian Literature

3 credits

Representative British literature from the mid-nineteenth century to the twentieth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 250, 251

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

Change prerequisites to:

ENG 454 - Victorian Literature

3 credits

Representative British literature from the mid-nineteenth century to the twentieth century, studied against its intellectual, historical, and social background.

Prerequisites: ENG 251.

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

A-F Grading

Effective term: Fall 2012

ENG 455 - Twentieth Century Literatures in English

3 credits

Representative British and Irish literature of the twentieth century studied in its intellectual, historical, and social contexts.

Prerequisites: ENG 250, 251

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

Change prerequisites to:

ENG 455 - Twentieth Century Literatures in English

3 credits

Representative British and Irish literature of the twentieth century studied in its intellectual, historical, and social contexts.

Prerequisites: ENG 251.

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

A-F Grading

Effective term: Fall 2012

ENG 460 - Shakespeare

3 credits

Selected comedies, tragedies, and histories; problems of Shakespearean scholarship, interpretation, and criticism.

Prerequisites: ENG 250, 251

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

Change prerequisites to:

ENG 460 - Shakespeare

3 credits

Selected comedies, tragedies, and histories; problems of Shakespearean scholarship, interpretation, and criticism.

Prerequisites: ENG 250.

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

A-F Grading

Effective term: Fall 2012

ENG 462 - Seminar in British Literature before 1800

3 credits

Topic changes from term to term.

Prerequisites: ENG 250, 251

Note: May be repeated for credit when topic is different. Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prerequisites to:

ENG 462 - Seminar in British Literature before 1800

3 credits

Topic changes from term to term.

Prerequisites: ENG 250.

Note: May be repeated for credit when topic is different. Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Effective term: Fall 2012

ENG 463 - Seminar in British Literature since 1800

3 credits

Topic changes from term to term.

Prerequisites: ENG 250, 251

Note: May be repeated for credit when topic is different. Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prerequisites to:

ENG 463 - Seminar in British Literature since 1800

3 credits

Topic changes from term to term.

Prerequisites: ENG 250 or 251.

Note: May be repeated for credit when topic is different. Open to graduate students. Graduate students are required to do additional work of a research nature.

A-F Grading

Effective term: Fall 2012

ENG 464 - British Drama

3 credits

Origins and development of British drama, with emphasis on the principal dramatists (other than Shakespeare) of the seventeenth and eighteenth centuries.

Prerequisites: ENG 250, 251

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

Change prerequisites to:

ENG 464 - British Drama

3 credits

Origins and development of British drama, with emphasis on the principal dramatists (other than Shakespeare) of the seventeenth and eighteenth centuries.

Prerequisites: ENG 250

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

A-F Grading

Effective term: Fall 2012

ENG 465 - The British Novel

3 credits

Origins and development of the British novel, with emphasis on the nineteenth and twentieth centuries.

Prerequisites: ENG 250, 251

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

Change prerequisites to:

ENG 465 - The British Novel

3 credits

Origins and development of the British novel, with emphasis on the nineteenth and twentieth centuries.

Prerequisites: ENG 250 or 251.

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

A-F Grading

Effective term: Fall 2012

COURSE REACTIVATIONS

COLLEGE OF ARTS AND SCIENCES: Communication

COMM 320 - Multimedia Production II

3 credits

Advanced theoretical and practical work in multimedia production; includes experience leading production teams.

Prerequisites: COMM 220, 290

