Academic Notes

January 30, 2012 **AN 2011-2012**

FACULTY GOVERNMENT

FACULTY AFFAIRS COMMITTEE

February 2, 2012, 2:00 pm – 3:00 pm
HMSU 316

Agenda #11

1. Approval of Minutes of 1-26-12
2. Reports
    a. Academic Affairs (Rogers)
    b. Executive Committee (MacDonald)
    c. Contingent Faculty Advocate (Solesky)
    d. FAC Chair (West)
3. Old Business
4. New Business
    a. Consider motion to add a charge to review the path from Associate to Full Professor at ISU. The charge, if approved, will be considered at a later time.
    b. Discussion of Charge 6 (Faculty Categories and Governance)

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

Deadline for Items	Issue Date
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

INDEX

UNDERGRADUATE PROPOSALS

NEW COURSES

SCOTT COLLEGE OF BUSINESS: Marketing and Operations

OSCM 300 - Fundamentals of Supply Chain Management
3 credits
An overview of the objectives, processes, and functions of supply chain management activities including sourcing, manufacturing, and logistics. Topics include procurement management, manufacturing and service designs, logistics and customer fulfillment strategy. Provides a basic understanding of the design, implementation, and broad management of supply chain systems.
Prerequisites: BUS 100 or MGT 140 and at least sophomore 2 standing or consent of department chairperson. Not open to students with credit for OSCM 490.
A-F Grading
Effective term: Fall 2012

OSCM 310 - Data-Driven Decision Making
3 credits
Emphasizes the use of data to inform business decision-making. Students work in teams for data collection and analysis and to recommend actions. Students gain experience with data collection, evaluation of data quality, and business analytics, as well as effective communication of results to decision-makers.
Prerequisites: BUS 305, MATH 241 or consent of department chairperson.
A-F Grading
Effective term: Fall 2012

OSCM 320 - Problem Solving with Spreadsheets
3 credits
Applies Excel to solve business problems. Students will learn how to identify relevant inputs, specify relationships, calculate outputs, and use Excel Solver to find the best solutions to a wide variety of business applications. Emphasizes critical thinking and effective communication of results to decision makers.
Prerequisites: BUS 180 or consent of department chairperson
A-F Grading
Effective term: Fall 2012

OSCM 445L - Business Process Improvement Experiential Learning Lab
2 credits
The experiential component involves a significant, real-world Six Sigma project selected and carried out by the student over a full semester. Students who successfully complete this course will satisfy the business application requirement for a Six Sigma "Green Belt" certification.
Prerequisites: BUS 351
Co-requisite: OSCM 445
A-F Grading
Effective term: Fall 2012

OSCM 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: OSCM 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

OSCM 465 - 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: OSCM 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

COURSE REVISIONS

SCOTT COLLEGE OF BUSINESS: Marketing and Operations

BUS 205 - Business Statistics I
3 credits
An introductory business statistics course dealing both with populations and processes. Topics covered include: graphical concepts, measures of central tendency and dispersion, basic probability concepts, random variables (both discrete and continuous), central limit theorem, hypothesis testing and confidence intervals on means and proportions, and control charts for proportions, means, and variation.
Prerequisites: BUS 180; and MATH 111, 115, or a calculus course.
Change description and 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 a calculus course.
A-F Grading
Effective term: Fall 2012

OMA 425 - Business Forecasting
3 credits
An introduction to techniques for developing forecasts for time series data. Forecasting techniques such as smoothing methods, regression, decomposition, and ARIMA models will be covered. Students will learn how to evaluate forecasts, and will examine forecasts from industry and government.
Prerequisites: BUS 305 or equivalent 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 prefix and prerequisites to:

OSCM 425 - Business Forecasting
3 credits
An introduction to techniques for developing forecasts for time series data. Forecasting techniques such as smoothing methods, regression, decomposition, and ARIMA models will be covered. Students will learn how to evaluate forecasts, and will examine forecasts from industry and government.
Prerequisites: BUS 305 or MATH 241or 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

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 prefix, title and prerequisites to:

OSCM 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 439 - Operations Management and Analysis Internship
3 credits
Students work a predetermined amount of time in an approved position. Prior to registration, the position must be approved, the specific requirements established, and a written agreement must be signed by the employer, the student, and the supervising instructor.
Prerequisites: at least 6 credits of Operations Management and Analysis course work with a grade of C or better and consent of the Department Chairperson on application form.
Note: A written report is required of the student, and a written evaluation by the employer must be made to the supervising University instructor before credit will be granted. May be repeated one time if the second position is significantly different than the first.

Change prefix to:

OSCM 439 - Internship in Operations and Supply Chain Management
3 credits
Students work a predetermined amount of time in an approved position. Prior to registration, the position must be approved, the specific requirements established, and a written agreement must be signed by the employer, the student, and the supervising instructor.
Prerequisites: at least 6 credits of Operations Management and Analysis course work with a grade of C or better and consent of the Department Chairperson on application form.
Note: A written report is required of the student, and a written evaluation by the employer must be made to the supervising University instructor before credit will be granted. May be repeated one time if the second position is significantly different than the first.
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 prefix, title, description, credits, and prerequisites to:

OSCM 445 - Business Process Improvement
1 credit
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 445L
A-F Grading
Effective term: Fall 2012

OMA 475 - Enterprise Resource Planning Systems
3 credits
This course introduces students to Enterprise Resource Planning (ERP) systems using SAP software. Students learn how ERP systems can be used to manage and integrate all functional areas of a modern firm. Students will gain extensive hands-on experience using SAP software. Students repeating the course will also complete a semester research project on ERP systems. Prerequisite: Junior standing in business or consent of Department Chairperson.
Prerequisites: Junior standing in business or consent of Department Chairperson.
Note: The course may be repeated for up to six total credit hours. Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prefix, description, and prerequisites to:

OSCM 475 - Enterprise Resource Planning Systems
3 credits
This course provides an introduction into the use, functionality, and cross-functional nature of Enterprise Resource Planning systems, using SAP software as an example system. Lessons will combine lectures with hands-on exercises designed to introduce the student to numerous functions of the software platform.
Prerequisites: Junior Standing or consent of Department Chairperson; Undergraduates may repeat the course for advanced knowledge.
Repeatable: The course may be repeated for up to six total 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

OMA 486 - Seminar in Operations Management and Analysis
3 credits
The course provides an in-depth study of a selected area that would not ordinarily be presented in a regularly scheduled class.
Prerequisites: BUS 305 or equivalent with a minimum grade of C, or consent of Department Chairperson.
Note: (May be repeated for a maximum of 6 hours; duplicate credit for the same topic will not be given.)

Change prefix, title, description, and prerequisites to:

OSCM 486 - Topics in Operations and Supply Chain Management
3 credits
Presents current topics of special relevance in the OSCM arena. Topic material focuses on current issues in OSCM that are not covered in depth in other OSCM courses. Student participation in researching and discussing topic material will be expected. May be repeated once for a significantly different topic.
Prerequisites: OSCM 300 or BUS 351 or consent of Department Chairperson.
Repeatable: The course may be repeated for up to six total 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

OMA 490 - Supply Chain Management
3 credits
This course is designed to build a basic understanding of the processes involved in managing and integrating the supply chain by using both qualitative and quantitative skills. Focus is on the management of the entire organization, with emphasis placed on managing the flow of information, materials, people, and services from raw materials through production (or service delivery) to the final customer.
Prerequisites: BUS 351 or equivalent 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 prefix, title, description, and prerequisites to:

OSCM 490 - Global Supply Chain Management
3 credits
Acquaints students with best practices in global supply chain management. Models, methods, paradigms, and tools necessary for planning, organization, and governance of global supply chains are discussed. Culminates with a study of strategies pertaining to end-to-end fulfillment of global supply chains, considering environmental, ethical, and cultural factors.
Prerequisites: OSCM 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

COURSE BANKING

SCOTT COLLEGE OF BUSINESS: Marketing and Operations

OMA 405 - Business Statistics III
OMA 460 - Risk and Decision Analysis
OMA 470 - Business Process Simulation

Effective term: Fall 2012

PROGRAM REVISIONS

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

SCOTT COLLEGE OF BUSINESS: Marketing and Operations

Operations Management and Analysis Minor (24 credits)
CIP Code: 521399 Major Code: 7227

Brief Summary:

The most recent revision of the operations management and analysis minor occurred in 2003. Since that time, both manufacturing and service organizations have recognized the importance of the global supply chain to their success. World events have also underscored the necessity of operating as efficiently and effectively as possible. This minor will enable students—both business and non-business majors—to add an understanding of supply chain concepts to their curriculum and in so doing make themselves much more attractive to potential employers.

Within the State of Indiana, the importance of logistics and advanced manufacturing as part of the supply chain is clear. Conexus (http://www.conexusindiana.com/home) is "an initiative to capitalize on emerging opportunities in advanced manufacturing and logistics, aligning resources and expertise to make Indiana a leader in these exciting industries." Although the educational arm of Conexus is tied more closely to secondary education, there seems to be a strong possibility of tapping into the expertise and contacts at Conexus to reach high school teachers and potential ISU students. Conexus is an initiative of the Central Indiana Corporate Partnership (http://www.cincorp.com/home) which reports that manufacturing and logistics employ 1 in every 4 working Hoosiers.

We are proposing a revision to the minor that will accomplish several specific goals.

- The name change and the first required course are consistent with the expectations of today's employers. This first course is suited for both business and non-business majors and provides an introduction to basic supply chain management concepts. The word "operations" has been deleted from the minor to appeal to a broader audience with a less restrictive choice of courses. Through elective choices students who wish to have an operations orientation to supply chain management may do so.
- The second required course provides the analytical tools necessary for the area.
- The ability to choose three electives makes it easier for students to develop, in conjunction with their advisors, a collection of courses that will augment their major. Although all OSCM courses are experiential, two OSCM courses providing culminating experiential learning are included as electives.
- The minor is now much more accessible to non-business majors and distance students.

We feel that this collection of courses will provide a much more cohesive set of knowledge and better prepare graduates for employment.

Student Learning:

This 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:

Supply Chain Management Minor (24 credits)
CIP Code: 521399 Major Code: 7227

Required Courses for Operations and Supply Chain Management Minors:

Mathematics:
115 or a calculus course

Operations and Supply Chain Management Courses

OSCM 300 – Fundamentals of Supply Chain Management 3 credits
OSCM 310 – Data-Driven Decision Making 3 credits

Elective Classes: 9 credits chosen from

Operations and Supply Chain Management Courses

Any OSCM course not used above

No more than two courses from

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

Accounting

ACCT 311 – Cost Accounting 3 credits

Finance

FIN 400 – International Financial Management 3 credits

Management

MGT 320 – International Business 3 credits

Effective term: Fall 2012

GRADUATE PROPOSALS

NEW COURSES

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

AHS 557 - Food Protection
3 credits
Principles and theories of food sanitation. Emphasis in understanding sources of food poisoning, food handling, pest control in the food industry, and food service establishments. Local, State, and Federal regulations and implementation are examined. Lectures, demonstrations, discussion and visitations enable familiarization with food sanitation and food service inspections.
A-F Grading
Effective term: Fall 2012

COLLEGE OF TECHNOLOGY

COT 711 Research Residency Seminar
2 credits
Executive-style four and a half-day seminar plus on-line work focusing on professional development and research in technology management.
Note: Requires one face-to-face session during the semester. This session requires attendance on the Indiana State University campus.
Prerequisite: COT 710.
A-F Grading
Effective term: Fall 2012

COURSE REVISIONS

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

CHANGE PREFIX FROM HLTH		TO AHS
HLTH 515 A	Driver Education Task Analysis	AHS 515A
HLTH 515B	Developing Driver Skills and Competencies	AHS 515B
HLTH 527	Special Subjects in Health and Safety	AHS 527
HLTH 545	Developing Classroom Knowledge and Program Management	AHS 545
HLTH 546	Individual, Community, and General Safety Education	AHS 546
HLTH 601	Research Methodology in Sciences	AHS 601
HLTH 602	Introduction to Public Health	AHS 602
HLTH 604	Research Design and Data Analysis in Health and Human Performance	AHS 604
HLTH 609	Applied Communications in Health Professions	AHS 609
HLTH 612	Epidemiology	AHS 612

HLTH 613	School Health Curriculum	AHS 613
HLTH 614	Principles of Environmental Health	AHS 614
HLTH 617	Health Behavior Theories	AHS 617
HLTH 619	Seminar: Advanced Health Program Planning and Coordination	AHS 619
HLTH 621	Special Topics in Health, Safety and the Environment	AHS 621
HLTH 628	Seminar: Advanced Program Evaluation in Health Professions	AHS 628
HLTH 632	Health Care Organization and Operation	AHS 632
HLTH 691	Internship in Community Health Promotion	AHS 691
HLTH 699	Master's Thesis	AHS 699

Effective term: Fall 2012

SCOTT COLLEGE OF BUSINESS: Marketing and Operations

OMA 525 - Business Forecasting
3 credits
An introduction to techniques for developing forecasts for time series data. Forecasting techniques such as smoothing methods, regression, decomposition, and ARIMA models will be covered. Students will learn how to evaluate forecasts, and will examine forecasts from industry and government.
Prerequisites: BUS 305 or equivalent with a minimum grade of C or consent of M.B.A. Director.

Change prefix, and prerequisites to:

OSCM 525 - Business Forecasting
3 credits
An introduction to techniques for developing forecasts for time series data. Forecasting techniques such as smoothing methods, regression, decomposition, and ARIMA models will be covered. Students will learn how to evaluate forecasts, and will examine forecasts from industry and government.
Prerequisites: BUS 305 or MATH 241 or MBA 612 or consent of Department Chairperson
A-F Grading
Effective term: Fall 2012

OMA 535 - 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 is on problem solving, which includes problem definition, problem analysis, evaluation and choice of alternatives, and implementation and evaluation of the decision.
Prerequisites: BUS 305 or equivalent with a minimum grade of C, or consent of Department Chairperson.

Change prefix, title, description, and prerequisites to:

OSCM 535 - 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 Department Chairperson
A-F Grading
Effective term: Fall 2012

OMA 575 - Enterprise Resource Planning Systems
3 credits
This course introduces students to enterprise resource planning systems using SAP software. Students learn how these planning systems can be used to manage and integrate all functional areas of a modern firm. Extensive hands-on experience using SAP software is included as a full semester research project on enterprise resource planning systems.

Change prefix, and description to:

OSCM 575 - Enterprise Resource Planning Systems
3 credits
This course provides an introduction into the use, functionality, and cross-functional nature of Enterprise Resource Planning systems, using SAP software as an example system. Lessons will combine lectures with hands-on exercises designed to introduce the student to numerous functions of the software platform
A-F Grading
Effective term: Fall 2012

OMA 586 - Seminar in Operations Management and Analysis
3 credits
The course provides an in-depth study of a selected area that would not ordinarily be presented in a regularly scheduled class. (May be repeated for a maximum of 6 hours; duplicate credit for the same topic will not be given.)
Prerequisites: BUS 305 or equivalent with a minimum grade of C, or consent of department chairperson.

Change prefix, title, description, and prerequisites to:

OSCM 586 - Topics in Operations and Supply Chain Management
3 credits
Presents current topics of special relevance in the OSCM arena. Topic material focuses on current issues in OSCM that are not covered in depth in other OSCM courses. Student participation in researching and discussing topic material will be expected.
Repeatable: May be repeated once for a significantly different topic.
Prerequisites: OSCM 300 or BUS 351 or consent of Department Chairperson.
A-F Grading
Effective term: Fall 2012

OMA 590 - Supply Chain Management
3 credits
This course is designed to build a basic understanding of the processes involved in managing and integrating the supply chain by using both qualitative and quantitative skills. Focus will be on the management of the entire organization, with emphasis placed on managing the flow of information, materials, people, and services from raw materials through production (or service delivery) to the final customer.
Prerequisites: 445 with a minimum grade of C, or consent of Department Chairperson.

Change prefix, title, description, and prerequisites to:

OSCM 590 - Global Supply Chain Management
3 credits
Acquaints students with best practices in global supply chain management. Models, methods, paradigms, and tools necessary for planning, organization, and governance of global supply chains are discussed. Culminates with a study of strategies pertaining to end-to-end fulfillment of global supply chains, considering environmental, ethical, and cultural factors.
Prerequisites: OSCM 300 or BUS 351 or consent of Department Chairperson.
A-F Grading
Effective term: Fall 2012

OMA 690 - Special Topics in the Decision Sciences
1-6 credits
A subject in the decision sciences area will be examined. The topic area may vary each semester.
Prerequisites: consent of the instructor.
Note: This course is designed to meet special interest needs of the students. Since topics vary, this course may be taken more than once.

Change prefix, title, description, and prerequisites to:

OSCM 690 - Advanced Topics in OSCM
1-6 credits
A special topic in the area of Operations and Supply Chain Management will be presented. Topics will vary by semester and will cover areas of particular relevance in the field. There will normally be a significant research component to this course.
Prerequisites: Consent of Department Chairperson
Repeatable: This course may be repeated.
Note: Since topics will vary, this course may be repeated if the topic is significantly different and with the approval of the Department Chairperson.
A-F Grading
Effective term: Fall 2012

COLLEGE OF TECHNOLOGY

COT 709 - Research Residency Seminar
3 credits
Executive-style five-day seminar focusing on professional development and leadership topics common to technology management.
Note: Requires two sessions during the semester. Each session requires attendance on the Indiana State University campus.

Change title, description to:

COT 710 - Research Residency Orientation Seminar
1 credit
Executive-style three and a half-day seminar plus on-line work focusing on professional development and technology management program orientation.
Note: Requires one face-to-face session during the semester. This session requires attendance on the Indiana State University campus.
A-F Grading
Effective term: Fall 2012

COURSE BANKING

SCOTT COLLEGE OF BUSINESS: Marketing and Operations

OMA 505 - Business Statistics III
OMA 560 - Risk and Decision Analysis
Effective term: Fall 2012

PROGRAM REVISIONS

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

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

Brief Summary:

The Department of Applied Health Sciences is proposing adding a concentration to the Health Sciences Master's degree, Public Health Nutrition. The program is designed to meet the needs of Registered Dieticians (RD) and Public Health professionals who want to pursue an advanced degree. This program provides RDs with the option of pursuing an advanced degree in the public health arena. It provides RDs with the competencies to be effective in working with individuals and communities in promoting healthy dietary intakes. In addition, the degree also prepares public health professionals who want to work in the obesity and chronic disease management area with the knowledge and skills to be successful.
The program will have two tracks. One track will be for students who are already registered dietitians and the second track will be for students with a health promotion / public health undergraduate degree.

Student Learning:

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

• Students achieve mastery of the skills (including using appropriate tools) required in their discipline or profession.

Proposed Catalog Copy:

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

MA/MS Public Health (39-45 credits)

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

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

Core Classes (27 credits)
AHS 601 – Research Methodology in Health Sciences 3 credits
AHS 602 – Introduction to Community Health Promotion 3 credits
AHS 604 – Research Design and Data Analysis in Health and Human Performance 3 credits
AHS 612 – Epidemiology 3 credits
AHS 617 – Health Behavior Theories 3 credits
AHS 619 – Seminar: Advanced Health Program Planning and Coordination 3 credits
AHS 628 – Seminar: Advanced Program Evaluation in Health Promotions 3 credits
AHS 699 – Master's Thesis 6 credits

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

Public Health Nutrition Concentration (12-18 credits)

Registered Dietitian Track
AHS 622 – Community Nutrition 3 credits
AHS 623 – Advanced Nutrition II 3 credits
AHS 627 – Foods 3 credits
AHS 629 – Seminar in Nutrition 3 credits

Non-Registered Dietitian Track

AHS 201 – Fundamentals of Nutrition 3 credits
AHS 521 – Nutrition through the Life Cycle 3 credits
AHS 557 – Food Protection 3 credits
AHS 622 – Community Nutrition 3 credits
AHS 627 – Foods 3 credits
AHS 629 – Seminar in Nutrition 3 credits

Effective term: Fall 2012

COLLEGE OF TECHNOLOGY

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

Brief Summary:

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

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

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

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

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

Proposed Catalog Copy:

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

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

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

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

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

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

General Technology Core (12 credits):

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

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

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

Technical Specialization (a minimum of 18 credits):

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

Electives (a minimum of 9 credits):

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

UNDERGRADUATE APPROVALS

NEW COURSES

COLLEGE OF ARTS AND SCIENCES: Chemistry and Physics

PHYS 405 - Senior Seminar 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: OSCM 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.
Prerequisites: SATM 510, ACTM 21, Maple TA score of 12, MATH 099, MATH 112, MATH 115, or MATH 131. Successful completion of or concurrent enrollment in CHEM 105L.
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.
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: 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

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 lifepan, 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 courses 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 222 - 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 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

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
HLTH 112 - Computing Literacy in Health, Environmental, and Safety Sciences
Effective term: Fall 2012

GRADUATE APPROVALS

NEW COURSES

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: OSCM 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: OSCM 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 527	Cultural Aspects of Food	AHS 527
FCS 528	Experimental Food Science	AHS 528
FCS 529	Nutrition in Wellness	AHS 529
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