



Academic Notes

November 21, 2011

AN 2011-2012

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR FALL 2011**

Below is the publication schedule for the electronic copy of *Academic Notes* through December 19, 2011. 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. 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.

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR FALL 2011**

<u>Deadline for Items</u>	<u>Issue Date</u>
November 16	November 28
November 23	December 5
November 30	December 12
December 7	December 19

CURRICULUM

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UNDERGRADUATE PROPOSALS

NEW COURSES

COLLEGE OF TECHNOLOGY: Built Environment

CNST 480--Construction Capstone

3 credits

Simulation of a general contracting construction company obtaining work through the estimating, bidding, scheduling, cash flow projections process using plans and specifications. The use of current construction software will be used during the class.

Prerequisites: CNST 201, 304, and 314.

A-F Grading

Effective term: Spring 2012

CNST 490 - Special Topics in Construction Management

1-3 credits

Special Topics not usually offered in the course roll-out.

Repeatable: Course is repeatable for a maximum of six credits.

A-F Grading

Effective term: Spring 2012

COURSE REVISIONS

COLLEGE OF TECHNOLOGY: Built Environment

CNST 420 - Plane Surveying

2 credits

Basic surveying, use of instruments, recording and computing data, site layout, and earthwork.

Prerequisites: MATH 123

Change title, credits, and prerequisites to:

CNST 420 - Construction Surveying

2 credits

Basic surveying, use of instruments, recording and computing data, site layout, and earthwork.

Prerequisites: MATH 123

A-F Grading

Effective term: Fall 2012

PROGRAM REVISIONS

COLLEGE OF TECHNOLOGY: Built Environment

Construction Management Major (89 credits)

CIP Code: 150101 Major Code: 08 E830 BS

Brief Summary:

The Construction Management program is accredited by the American Council of Construction

Education (ACCE). The following courses need to be added to meet the ACCE topic content requirements.

CNST 111L, Soils Laboratory

CNST 330, Construction Accounting, Finance, and Safety

CNST 480, Construction Capstone

Remove CNST 310, Construction Safety. (This course has been banked.)

Remove CNST 320, Soils Analysis and Testing. (This course has been eliminated.)

Reduce CNST 420, Plane Surveying to 2 credits.

Student Learning:

As stated in the Summary, these proposed revisions are to meet topic content requirements of the ACCE and minimize the number of credit hours in the Program.

Proposed Catalog Copy:

Construction Management Major (89 credits)

CIP Code: 150101 Major Code: 08 E830 BS

Required Courses:

Construction Management:

- CNST 101 - Introduction to Construction Management 2 credits
 - CNST 106 - Architectural Graphics 3 credits
 - CNST 111 - Construction Materials, Methods, and Equipment 3 credits
- CNST 111L - Soils Laboratory 1 credit
- CNST 201 - Construction Contract Documents and Project Delivery 3 credits
 - CNST 213 - Environmental and Mechanical Systems for Buildings 3 credits
 - CNST 214 - Plan Interpretation and Quantity Take-Off 3 credits
 - CNST 304 - Construction Scheduling 3 credits
 - CNST 306 - Commercial Design and Construction 3 credits
 - CNST 314 - Estimating and Bid Preparation 3 credits
 - CNST 318 - Strength of Building Materials 3 credits
- CNST 330 - Construction Accounting, Finance, and Safety 3 credits
- CNST 351 - Professional Internship 3 credit
- CNST 418 - Design of Temporary Structures 3 credits
 - CNST 420 - Plane Surveying 2 credits
- CNST 430 - Senior Seminar 1 credit
- CNST 450 - Construction Project Management 3 credits
- CNST 480 - Construction Capstone 3 credits

Electronics and Computer Technology:

- ECT 369 - Electrical Construction 3 credits

Choose one from the following:

- BUS 263 - Legal Environment and Business 3 credits
- TMGT 429 - Workplace Law for the Technical Manager 3 credits

Choose one from the following:

- MGT 301 - Survey of Management 3 credits
- TMGT 492 - Industrial Supervision 3 credits

Accounting:

- ACCT 200 - Survey of Accounting 3 credits

Management:

MGT 140 - Introduction to Business 3 credits

Economics:

- Econ 351 – Survey of Labor Economics 3 credits

Mathematics:

MATH 123 - Analytic Geometry and Linear Algebra for Engineers 3 credits

MATH 241 - Principles of Statistics 3 credits

Technology Management:

TMGT 195 - Introduction to Computer Applications 3 credits

Directed Foundational Studies:

Quantitative Literacy:

MATH 115 - College Algebra 3 credits

Laboratory Science:

PHYS 105 - General Physics I 3 credits

PHYS 105L - General Physics I Laboratory 1 credit

and

CHEM 105 - General Chemistry I 3 credits

CHEM 105L - General Chemistry I Laboratory 1 credit

Social or Behavioral Sciences:

ECON 100 – Basic Economics 3 credits

Effective term: Fall 2012

UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Art

ARTH 371 - History of Art: Survey of the Twentieth Century

3 credits

An introductory survey of the history of developments in architecture, painting, sculpture, and the allied arts in the Twentieth Century.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

Change prerequisites to:

ARTH 371 - History of Art: Survey of the Twentieth Century

3 credits

An introductory survey of the history of developments in architecture, painting, sculpture, and the allied arts in the Twentieth Century.

Prerequisite: Art 271 and 272, or passing a proficiency test.

Effective term: Fall 2012

ARTH 373 - Women Artists

3 credits

An introductory survey of women artists from the medieval period until the present day, with emphasis on the role, status, biography, and particular problems faced by women artists during various cultural periods and the twentieth century.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

Change prerequisites to:

ARTH 373 - Women Artists

3 credits

An introductory survey of women artists from the medieval period until the present day, with emphasis on the role, status, biography, and particular problems faced by women artists during various cultural periods and the twentieth century.

Prerequisite: Art 271 and 272, or passing a proficiency test.

Effective term: Fall 2012

ARTH 374 - History of Architecture

3 credits

The development of Western architecture from the ancient world to the present.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

Change prerequisites to:

ARTH 374 - History of Architecture

3 credits

The development of Western architecture from the ancient world to the present.

Prerequisite: Art 271 and 272, or passing a proficiency test.

Effective term: Fall 2012

ARTH 388 - Introduction to African Art

3 credits

This course will introduce students to the multi-faceted arts of Africa, from traditional forms to contemporary artistic manifestations. Students will be introduced to the broad spectrum of works, issues, practices, and belief systems which are often radically different from those with which they are familiar but which challenge their perception of the visual arts and their definition of aesthetics.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

Cross-listed: (Also listed as African and African American Studies 334.)

Change prerequisites to:

ARTH 388 - Introduction to African Art

3 credits

This course will introduce students to the multi-faceted arts of Africa, from traditional forms to contemporary artistic manifestations. Students will be introduced to the broad spectrum of works, issues, practices, and belief systems which are often radically different from those with which they are familiar but which challenge their perception of the visual arts and their definition of aesthetics.

Prerequisite: Art 271 and 272, or passing a proficiency test.

Cross-listed: (Also listed as African and African American Studies 334.)

Effective term: Fall 2012

ARTH 389 - Survey of African American Art

3 credits

This course traces the development of Black art from its ancient roots in Africa through the Caribbean to Antebellum America and the Harlem Renaissance. Its emphasis is on the philosophical, cultural, and stylistic tenets, which continue to inspire Black artists in the diaspora.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

Cross-listed: (Also listed as African and African American Studies 331.)

Change prerequisites to:

ARTH 389 - Survey of African American Art

3 credits

This course traces the development of Black art from its ancient roots in Africa through the Caribbean to Antebellum America and the Harlem Renaissance. Its emphasis is on the philosophical, cultural, and stylistic tenets, which continue to inspire Black artists in the diaspora.

Prerequisite: Art 271 and 272, or passing a proficiency test.

Cross-listed: (Also listed as African and African American Studies 331.)

Effective term: Fall 2012

ARTH 470 - Ancient Art

3 credits

Great monuments (architecture, sculpture, painting) of the ancient Egyptians and the inhabitants of Mesopotamia, the Aegean Islands, and Greece.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 470 - Ancient Art

3 credits

Great monuments (architecture, sculpture, painting) of the ancient Egyptians and the inhabitants of Mesopotamia, the Aegean Islands, and Greece.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Effective term: Fall 2012

ARTH 471A - The Art and Architecture of Ancient Greece

3 credits

The art and architecture of ancient Greece, covering the Archaic, Classical, and Hellenistic periods. Relevant historical, political, and humanistic influences are discussed as they pertain to the art of this great civilization.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 471A - The Art and Architecture of Ancient Greece

3 credits

The art and architecture of ancient Greece, covering the Archaic, Classical, and Hellenistic periods. Relevant historical, political, and humanistic influences are discussed as they pertain to the art of this great civilization.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Effective term: Fall 2012

ARTH 471B - Etruscan/Roman Art

The art and architecture of ancient Etruria and Rome. Relevant historical, political, and humanistic influences are discussed as they pertain to the art of these important civilizations.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 471B - Etruscan/Roman Art

3 credits

The art and architecture of ancient Etruria and Rome. Relevant historical, political, and humanistic influences are discussed as they pertain to the art of these important civilizations.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Effective term: Fall 2012

ARTH 472 - Early Medieval Art

3 credits

European architecture, sculpture, and painting (especially manuscript illumination) of the early Christian, Carolingian, and pre-Romanesque eras.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 472 - Early Medieval Art

3 credits

European architecture, sculpture, and painting (especially manuscript illumination) of the early Christian, Carolingian, and pre-Romanesque eras.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Effective term: Fall 2012

ARTH 474A - The Early Renaissance in Italy

3 credits

Painting, sculpture, and architecture in Italy from the fourteenth to the late fifteenth century. Historical, political, and humanistic influences are covered.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 474A - The Early Renaissance in Italy

3 credits

Painting, sculpture, and architecture in Italy from the fourteenth to the late fifteenth century. Historical, political, and humanistic influences are covered.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Effective term: Fall 2012

ARTH 475 - Baroque and Rococo Art

3 credits

Baroque style in Italy, Holland, Flanders, Germany, France, England, and Spain. Concentration will be on a particular area or movement and will vary from year to year.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 475 - Baroque and Rococo Art

3 credits

Baroque style in Italy, Holland, Flanders, Germany, France, England, and Spain. Concentration will be on a particular area or movement and will vary from year to year.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Effective term: Fall 2012

ARTH 478 - Art of the Nineteenth Century

3 credits

Western art from the French Revolution to the Post-Impressionists. Classicism, Romanticism, revival styles, Realism, and Impressionist art are included.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 478 - Art of the Nineteenth Century

3 credits

Western art from the French Revolution to the Post-Impressionists. Classicism, Romanticism, revival styles, Realism, and Impressionist art are included.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Effective term: Fall 2012

ARTH 479A - Modern Art from 1880-1920

3 credits

A coordinated study of the visual arts and their interrelationships during the early modern period.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 479A - Modern Art from 1880-1920

3 credits

A coordinated study of the visual arts and their interrelationships during the early modern period.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

research nature.

Effective term: Fall 2012

ARTH 479B - Modern Art from 1920-1945

3 credits

A coordinated study of the visual arts since 1920. Topics include painting, sculpture, architecture, photography, and film.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 479B - Modern Art from 1920-1945

3 credits

A coordinated study of the visual arts since 1920. Topics include painting, sculpture, architecture, photography, and film.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Effective term: Fall 2012

ARTH 479C - Modern Art-Post-World War II Developments

3 credits

Developments in architecture, painting, sculpture, and the allied arts.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 479C - Modern Art-Post-World War II Developments

3 credits

Developments in architecture, painting, sculpture, and the allied arts.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Effective term: Fall 2012

ARTH 481 - Connoisseurship and Museum Management

3 credits

Survey of artistic taste and factors contributing to museum collections and the use of museums as a resource for education and research.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Change prerequisites to:

ARTH 481 - Connoisseurship and Museum Management

3 credits

Survey of artistic taste and factors contributing to museum collections and the use of museums as a resource for education and research.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Effective term: Fall 2012

ARTH 483 - Seminar in Art History

3 credits

Selected topics in art, architecture, and design. Topics will vary from semester to semester.

Prerequisite: 479B, 479C, or consent of instructor. Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

Note: The seminar may be repeated once for credit, assuming a change in topic. Open to graduate students. Graduate students are required to do additional work of a research nature.

Change prerequisites to:

ARTH 483 - Seminar in Art History

3 credits

Selected topics in art, architecture, and design. Topics will vary from semester to semester.

Prerequisites: 479B, 479C, or consent of instructor. Prerequisite: Art 271 and 272, or passing a proficiency test.

Note: The seminar may be repeated once for credit, assuming a change in topic. Open to graduate students. Graduate students are required to do additional work of a research nature.

Effective term: Fall 2012

ARTH 485 - Individual Study in Art History and Art Criticism

1-6 credits

The study of art history and criticism under the supervision of an instructor.

Prerequisite: Consent of instructor. Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

Change prerequisites to:

ARTH 485 - Individual Study in Art History and Art Criticism

1-6 credits

The study of art history and criticism under the supervision of an instructor.

Prerequisite: Consent of instructor. Prerequisite: Art 271 and 272, or passing a proficiency test.

Effective term: Fall 2012

ARTH 489 - Topics in African Art

3 credits

A study of the multilayered levels of meanings in the traditional arts of sub-Saharan Africa.

Prerequisite: Art 271 and 272, or passing a proficiency test. Art 100, 151, and 401 do not fulfill the art history requirement for art majors.

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

Cross-listed: (Also listed as African and African American Studies 489.)

Change prerequisites to:

ARTH 489 - Topics in African Art

3 credits

A study of the multilayered levels of meanings in the traditional arts of sub-Saharan Africa.

Prerequisite: Art 271 and 272, or passing a proficiency test.

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

Cross-listed: (Also listed as African and African American Studies 489.)

Effective term: Fall 2012

NEW PROGRAMS

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

Health Sciences Major (63-73 credits)

CIP Code: A232 Major Code:

Brief Summary:

We would like to add Health Psychology as a concentration under the Health Sciences major. The program will be a collaborative concentration between the Department of Applied Health Sciences and the Psychology Department. The concentration will prepare students who would like to work as health educators in the area of mental health and health behavior modification. Much of what health educators do is work with people to help them change behaviors to improve health. Understanding why individuals engage in unhealthy behaviors even when they know it is not healthy is essential to being successful in helping people adopt healthier lifestyles. The curriculum does not require new courses or additional resources. The required psychology courses are offered by the Department of Psychology. The faculty of the Department of Psychology has been consulted and advised on proposed courses.

Student Learning:

This concentration will be an additional option for Health Sciences students. An understanding of health behavior modification is essential for any health educator. This concentration will better prepare students who primarily want to assist individuals and groups in changing behaviors to improve health.

Proposed Catalog Copy:

Health Sciences Major (63-73 credits)

CIP Code: A232 Major Code:

The objectives of this degree program are to prepare health professionals to help maintain and improve the health, well-being, and quality of life of people; to prepare students to become health teachers; and to prepare students to pursue graduate education in a variety of related fields. Students completing the health sciences major must earn a minimum of a “C” grade in all required major courses (core, content, culminating experience, professional and foundation courses).

Students completing the school health concentration must be thoroughly familiar with the requirements for admission to the Teacher Education Program and the teaching curriculum. Refer to the College of Education and the Department of Curriculum, Instruction, and Media Technology in this catalog.

All students must maintain a 2.5 grade point average in both the major courses and in their overall grade point average to graduate.

Health Sciences Core Courses (15 credits):

- HLTH 111 - Personal Health Science and Wellness 3 credits
- HLTH 221 - Public Health Concepts 3 credits
- HLTH 340 - Health Biostatistics 3 credits
- HLTH 392 - Educational Methods for Health and Safety 3 credits
- HLTH 480 - Senior Seminar 3 credits

Public Health Concentration (48 – 50 credits):

Applied Health Sciences Courses:

- HLTH 210 - Principles of Environmental Health 3 credits
- HLTH 341 – Health and Safety Research Methods 3 credits
- HLTH 360 - Epidemiology 3 credits
- HLTH 393 - Cooperative Practice 2 hours
- HLTH 401 - Substance Abuse Education 3 credits
- HLTH 402 - Mental Health and Stress Education 3 credits
- HLTH 403 - Communicable and Chronic Diseases, and AIDS 3 credits
- HLTH 406 - Human Sexuality Education 3 credits
- HLTH 409 - Health Screening 2 credits
- HLTH 409L - Health Screening Lab 1 credit
- HLTH 424 - Health Promotion Planning 3 credits
- HLTH 428 - Health Program Evaluation 3 credits
- HLTH 446 - Individual, Community and General Safety Education 3 credits
- HLTH 491 - Community Health Internship 3 hours
- FCS 201 - Nutrition 3 credits

Other Required Courses:

- PSY 101 - General Psychology: Understanding Human Behavior 3 credits

Choose one of the following groups:

ATTR 210 - Human Anatomy for Allied Health Professions 2 credits

PE 220 - Human Physiology for Allied Health Professions 2 credits

or

BIO 231 - Human Anatomy 2 credits

BIO 231L - Human Anatomy Laboratory 1 credit

BIO 241 - Human Physiology 2 credits

BIO 241L - Human Physiology Laboratory 1 credit

School Health Education Concentration (54 - 56 credits):

Applied Health Sciences Courses:

- HLTH 211 - Emergency Medical Care and Advanced First Aid 2 credits

HLTH 211L - Advanced Emergency Medical Skill Proficiency Laboratory 1 credit
HLTH 401 - Substance Abuse Education 3 credits
HLTH 402 - Mental Health and Stress Education 3 credits
HLTH 403 - Communicable and Chronic Diseases, and AIDS 3 credits
HLTH 406 - Human Sexuality Education 3 hours
HLTH 313 - Comprehensive School Health Education 3 credits
FCS 201 - Nutrition 3 credits

Other Required Courses:

CIMT 301 - Teaching I 2 credits
CIMT 302 - Teaching II 2 credits
CIMT 400 - Teaching III 3 hours
CIMT 400L - Teaching III Practicum 1 credit
CIMT 401 - Student Teaching 11 credits
CIMT 402 - Teaching an Integrated Unit 1 credits
EPSY 202 - Psychology of Childhood and Adolescence 3 credits
EPSY 341 - Education in a Multicultural Society 3 credits
SPED 226 - The Exceptional Learner in the Regular Classroom 3 credits

Choose one of the following groups:

ATTR 210 - Human Anatomy for Allied Health Professions 2 credits
PE 220 - Human Physiology for Allied Health Professions 2 credits

or:

BIO 231 - Human Anatomy 2 credits
BIO 231L - Human Anatomy Laboratory 1 credit
BIO 241 - Human Physiology 2 credits
BIO 241L - Human Physiology Laboratory 1 credit

Environmental Health Concentration (50 hours)

Applied Health Sciences Courses:

HLTH 210 - Principles of Environmental Health 3 credits
HLTH 341 - Health and Safety Research Methods 3 credits
HLTH 360 - Epidemiology 3 credits
HLTH 377 - Environmental Field Sampling & Analysis 3 credits
HLTH 377L - Environmental Field Sampling & Analysis and Lab 1 credit
HLTH 425 - Toxicology 3 credits
HLTH 429 - Hazardous Substances Waste Materials 3 credits
HLTH 437 - Pollution Prevention and Control Technology 3 credits
HLTH 457 - Food Protection 3 credits
HLTH 491 - Community Health Internship 3 credits

Other Required Courses:

BIO 112 - Human Aspects of Biology 3 credits
BIO 112L - Exploration of Biological Phenomena 1 credit
BIO 274 - Introduction to Microbiology 2 credits
BIO 274L - Introduction to Microbiology Lab 1 credit
CHEM 103 - Elementary Chemistry 3 credits

CHEM103L - Elementary Chemistry Lab 1 credit
CHEM104 - Elementary Organic and Biochemistry 3 credits
CHEM 104L - Elementary Organic and Biochemistry Lab 1 credit
MATH 115- College Algebra and Trigonometry 3 credits
PHYS 105 - General Physics 1 3 credits
PHYS 105L - General Physics 1 lab 1 credit

Health Administration Concentration (48 - 50 credits)

Applied Health Sciences Courses:

HLTH 341 - Health and Safety Research Methods 3 credits
HLTH 360 - Epidemiology 3 credits
HLTH 393 - Cooperative Practice 2 credits
HLTH 409 - Health Screening 2 credits
HLTH 409L - Health Screening Lab 1 credit
HLTH 424 - Health Promotion Planning 3 credits
HLTH 428 - Health Program Evaluation 3 credits
HLTH 491 - Community Health Internship 3 credits

Select one of the following courses:

HLTH 401 - Substance Abuse Education 3 credits
HLTH 402 - Mental Health and Stress Education 3 credits
HLTH 403 - Communicable and Chronic Diseases, and AIDS 3 credits

Other Required Courses:

ACCT 200 - Survey of Accounting 3 credits
FIN 200 - Fundamentals of Finance 3 credits
MGT 301 - Survey of Management 3 credits
MKTG301 - Introduction to Marketing 3 credits
HRD 420 - Career Development and Employee Appraisals 3 credits
HRD 425 - Organizational Development 3 credits
PSY 101 - Understanding Human Behavior 3 credits

Choose one of the following groups:

ATTR 210 - Human Anatomy for Allied Health Professions 2 credits
PE 220 - Human Physiology for Allied Health Professions 2 credits

or:

BIO 231 - Human Anatomy 2 credits
BIO 231L - Human Anatomy Laboratory 1 credit
BIO 241 - Human Physiology 2 credits
BIO 241L - Human Physiology Laboratory 1 credit

Health Psychology Concentration (51 - 53 credits)

Applied Health Sciences Courses:

HLTH 341 - Health and Safety Research Methods 3 credits
HLTH 360 - Epidemiology 3 credits
HLTH 393 - Cooperative Practice 2 credits
HLTH 401 - Substance Abuse Education 3 credits

HLTH 402 -Mental Health and Stress Education 3 credits
HLTH 409 - Health Screening 2 credits
HLTH 409L - Health Screening Lab 1 credit
HLTH 424 - Health Promotion Planning 3 credits
HLTH 428 - Health Program Evaluation 3 credits
HLTH 491 - Community Health Internship 3 credits

Select one of the following courses:

FCS 201 - Nutrition 3 credits
HLTH 210 - Principles of Environmental Health 3 credits
HLTH 403 - Communicable and Chronic Diseases, and AIDS 3 credits
HLTH 406 - Human Sexuality Education 3 credits
HLTH 446 - Individual, Community and General Safety Education 3 credits

Other Required Courses:

PSY 101 - General Psychology: Understanding Human Behavior 3 credits
PSY 240 - Psychology of Health Behavior 3 credits
PSY 270 - Social Psychology 3 credits
PSY 266 - Developmental Psychology 3 credits
PSY 384 - Interviewing Skills 3 credits
PSY 475 - Biological, Physiological, and Sociocultural Models of Addiction 3 credits

Choose one of the following groups:

ATTR 210 - Human Anatomy for Allied Health Professions 2 credits
PE 220 - Human Physiology for Allied Health Professions 2 credits

or:

BIO 231 - Human Anatomy 2 credits
BIO 231L - Human Anatomy Laboratory 1 credit
BIO 241 - Human Physiology 2 credits
BIO 241L - Human Physiology Laboratory 1 credit

Effective term: Fall 2012

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

Massage Therapy Minor (17-19 credits)

CIP Code: 5109 Major Code:

Brief Summary:

Massage Therapy is a licensed practice in the State of Indiana. The Massage Therapy Minor will provide students the opportunity to obtain the requisite coursework to take the certifying exam, which will allow for Indiana State License eligibility. The program is self-supporting through student fees for 6 credits. Eighteen credits are a combination of courses already required by many majors in the College of Nursing, Health and Human Services and Biology with the intent that students will not have to take many courses outside their major to acquire the requisite

coursework for the certifying examination. The program will provide an additional certification that many graduates can use to augment their skills, increase marketability and increase the student's ability to generate revenue. Students would be able to get state certified/license by passing the Federation of State Massage Therapy Boards (FSMTB) certification, which is also accepted in 32 additional states for state licensure. Students in programs such as pre-medicine, biology, health science, recreational therapy, recreation, exercise science, nursing and athletic training may benefit from the additional minor and eligibility certification.

Proposed Catalog Copy:

Massage Therapy Minor (23-25 credits)

CIP Code: 5109 Major Code:

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

Massage Therapy Required Courses (17-19 credits)

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

OR

BIO 231: Human Anatomy (2)

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

OR

BIO 231L: Human Anatomy Lab (1)

PE 220: Human Physiology (2)

OR

BIO 241: Human Physiology (2)

PE 220L: Human Physiology Lab (1)

OR

BIO 241L: Human Physiology Lab (1)

ATTR 473: Pathophysiology (3)

OR

BIO 412: Pathophysiology (2)

ATTR 280: Clinical Kinesiology (3)

OR

PE 380: Analysis of Human Motion (4)

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

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

ATTR 441)

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

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

Massage Therapy Elective Courses (minimum 6 credits)

ATTR 225: Medical Terminology (3)

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

ATTR 413: Biomedical Ethics (3)

ATTR 440: Special Topics in Applied Medicine (3)

FCS 201: Fundamentals of Nutrition (3)

FCS 429: Nutrition in Wellness (3)

HLTH 111: Personal Health and Wellness (3)

OR

PE 101: Fitness for Life (2)

HLTH 210: Principles of Environmental Health (3)

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

HLTH 221: Public Health Concepts (3)

HLTH 402: Mental Health and Stress Education (3)

PE 201: Introduction to Kinesiology (3)

PE 266: Human Growth and Motor Development (3)

PE 385: Foundations of Conditioning (3)

PE 483: Fitness Through the Lifespan (3)

Effective term: Fall 2012