



Academic Notes

February 22, 2010

AN 2009-2010

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SPRING 2010

Below is the circulation schedule for the electronic copy of *Academic Notes* through May 10, 2010. All submissions for inclusion in *Academic Notes* are due in the Office of Academic Affairs no later than 10:00 a.m. on the Wednesday prior to the distribution of *Academic Notes* on the following Monday. Submissions must be in hard copy along with an e-mail, disk, 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

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SPRING 2010

<u>Deadline for Items</u>	<u>Issue Date</u>
February 24	March 1
March 3	March 8
March 10	March 15
March 17	March 22
March 24	March 29
March 31	April 5
April 7	April 12
April 14	April 19
April 21	April 26
April 28	May 3
May 5	May 10

ACALOG NOTE

The format for curriculum proposals has changed to correspond with the structure of Acalog, the new version of the electronic catalogs. Some proposals will be published under the old structure and some under the new structure during this transition period.

Improved Electronic Catalog

The new electronic version of the undergraduate catalog is posted at <http://www.indstate.edu/academics/catalogs.htm> Some advantages of the new format are:

- It is easily searchable and searchable from the internet
- It is easier for students and advisors to find and choose the courses students need

- Students create a personal portfolio of courses in which they are interested
- Links to information such as department web sites, advising information, and video clips can easily be added
- Every page can easily be printed.

If you have questions, please contact Academic Affairs, extension 3662.

DEPARTMENTS' MERGER

Departments of History and African and African American Studies

At its meeting of February 18, 2010, the Board of Trustees approved the merger of the Departments of History and African and African American Studies into the Department of History, effective Fall 2010.

CURRICULUM

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UNDERGRADUATE PROPOSALS

NEW COURSES

COLLEGE OF ARTS AND SCIENCES: Languages, Literatures, and Linguistics

LLL 103 - Elementary World Languages Study Abroad

1-4 credits.

Study abroad at an elementary level of a language. Offerings currently include 103A, Arabic; 103C, Chinese; 103F, French; 103G, German; 103I, Italian; 103J, Japanese; 103K, Greek; 103N, Latin; 103O, Other; 103P, Portuguese; 103R, Russian; 103S, Spanish. Students may take for credit any number of 103 courses as long as topics or sections change, and they may take more than one topic or section in the same semester.

A-F Grading

Preferred effective term: Summer I 2010

LLL 203 - Intermediate World Languages Study Abroad

1-4 credits

Study abroad at an intermediate level of a language. Offerings currently include 203A, Arabic; 203C, Chinese; 203F, French; 203G, German; 203I, Italian; 203J, Japanese; 203K, Greek; 203N, Latin; 203O, Other; 203P, Portuguese; 203R, Russian; 203S, Spanish. Students may take for credit any number of 203 courses as long as topics or sections change, and they may take more than one topic or section in the same semester.

A-F Grading

Preferred effective term: Summer I 2010

LLL 303 - Advanced Intermediate World Languages Study Abroad

1-4 credits

Study abroad at an advanced intermediate level of a language. Offerings currently include 303A, Arabic; 303C, Chinese; 303F, French; 303G, German; 303I, Italian; 303J, Japanese; 303K, Greek; 303N, Latin; 303O, Other; 303P, Portuguese; 303R, Russian; 303S, Spanish. Students may take for credit any number of 303 courses and sections as long as topics or sections change, and they may take more than one topic or section in the same semester.

A-F Grading

Preferred effective term: Summer I 2010

LLL 403 Advanced World Languages Study Abroad

1-4 credits

Study abroad at an advanced level of a language: A, Arabic; C, Chinese; F, French; G, German; I, Italian; J, Japanese; K, Greek; N, Latin; O, Other; P, Portuguese; R, Russian; S, Spanish. Students may take for credit any number of 403 courses and sections as long as topics or sections change, and they may take more than one topic or section in the same semester.

A-F Grading

Preferred effective term: Summer I 2010

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

ATTR 354 - Preseason Athletic Training Internship

1 credit

Students participate in preseason athletic training experiences assigned by the course instructor. Credit is earned on the basis of one credit for each three-week period of full-day service (approximately 120 hours).

Prerequisite: NATA Membership; Admittance into the professional component of the program through formal application or permission of instructor.

A-F Grading

Preferred effective term: Fall 2010

ATTR 362 - Foundations of Therapeutic Modalities and Rehabilitation

3 credits

A study of foundational knowledge in the physiology of trauma and the subsequent effects on tissues as a basis for modalities and rehabilitation.

Prerequisites: Admittance into the professional component of the program through formal application or permission of instructor.

A-F Grading

Preferred effective term: Fall 2010

ATTR 363L - Orthopedic Evaluation and Diagnosis I Laboratory

1 credit

Psychomotor skill instruction, practice, and evaluation of lower extremity and spine orthopedic injuries.

Co-requisite: ATTR 363

A-F Grading

Preferred effective term: Fall 2010

ATTR 365L - Orthopedic Evaluation and Diagnosis II Lab

1 credit

Psychomotor skill instruction, practice, and evaluation of upper extremity, head/face, cervical spine, thorax, and abdomen.

Co-requisite: ATTR 365

A-F Grading

Preferred effective term: Fall 2010

COURSE REVISIONS

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

ATTR 202 - Athletic Injuries in Physical Activities

1 credit

This course is designed for the physical educator and coach. Students are introduced to basic aspects of first aid in physical activities. Successful completion of this course will lead to first aid and CPR certification.

Change title and description to:

ATTR 202 – CPR for the Professional Rescuer

1 credit

A course to certify students as professional rescuers by a certified instructor for the American Safety and Health Institute.

A-F Grading

Preferred effective term: Fall 2010

ATTR 255 - Clinical I

3 credits

Students will complete structured practical rotations and demonstrate selected athletic training skill acquisition.

Prerequisites: acceptance into the professional component of the program through formal application.

Change title and description to:

ATTR 255 - Athletic Training Practicum I

3 credits

Students engage within the community through the experiential learning of athletic training skills. Didactic experiences include the practice, development, and evaluation of clinical proficiency.

Prerequisites: acceptance into the professional component of the program through formal application.

A-F Grading

Preferred effective term: Fall 2010

ATTR 256 - Clinical II

3 credits

Students will complete structured practical rotations and demonstrate selected athletic training skills acquisition.

Prerequisites: successful completion of ATTR 255 or permission of instructor.

Change title and description to:

ATTR 256 - Athletic Training Practicum II

3 credits

Students engage within the community through the experiential learning of athletic training skills. Didactic experiences include the practice, development, and evaluation of clinical proficiency.

Prerequisite: ATTR 255 or permission of instructor.

A-F Grading

Preferred effective term: Fall 2010

ATTR 355 - Clinical III

3 credits

Students will complete structured practical rotations and demonstrate selected athletic training skills acquisition.

Prerequisites: successful completion of ATTR 256 or permission of instructor.

Change title, description, and prerequisites to:

ATTR 355 - Athletic Training Practicum III

3 credits

Students engage within the community through the experiential learning of athletic training skills. Didactic experiences include the practice, development, and evaluation of clinical proficiency.

Prerequisites: ATTR 354

A-F Grading

Preferred effective term: Fall 2010

ATTR 356 - Clinical IV

3 credits

Students will complete structured practical rotations and demonstrate selected athletic training skills acquisition.

Prerequisites:

successful completion of ATTR 355 or permission of instructor.

Change title, description, and prerequisites to:

ATTR 356 - Athletic Training Practicum IV

3 credits

Students engage within the community through the experiential learning of athletic training skills. Didactic experiences include the practice, development, and evaluation of clinical proficiency.

Prerequisites: ATTR 355

A-F Grading

Preferred effective term: Fall 2010

ATTR 440 - Special Topics in Athletic Training

1-3 credits

This course is devoted at each offering to a study of a contemporary topic or innovative development in athletic training.

Note: It may be repeated if different topics are studied, but no more than 6 credit hours may be counted toward a degree.

Change title, description, credits, and remove repeatable to:

ATTR 440 - Special Topics in Applied Medicine

3 credits

This course is devoted at providing an array of perspectives among medical and allied health professionals about the delivery of health care for the physically active population.

Prerequisite: admittance into the professional component of the program through formal application or permission of instructor.

A-F Grading

Preferred effective term: Fall 2010

ATTR 455 - Clinical V

4 credits

Students will complete structured practical rotations and demonstrate selected athletic training skills acquisition.

Prerequisites: successful completion of ATTR 356 or permission of instructor.

Change title, description, and prerequisites to:

ATTR 455 - Athletic Training Practicum V

3 credits

Students engage within the community through the experiential learning of athletic training skills. Didactic experiences include the practice, development, and evaluation of clinical proficiency.

Prerequisites: successful completion of ATTR 356 or permission of instructor.

A-F Grading

Preferred effective term: Fall 2010

ATTR 456 - Clinical VI

4 credits

Students will complete structured practical rotations and demonstrate selected athletic training skills acquisition.

Prerequisites: successful completion of ATTR 455 or permission of instructor.

Change title, description, credits, and prerequisites to:

ATTR 456 - Athletic Training Practicum VI

3 credits

Students engage within the community through the experiential learning of athletic training skills. Didactic experiences include the practice, development, and evaluation of clinical proficiency.

Prerequisites: ATTR 455

A-F Grading

Preferred effective term: Fall 2010

ATTR 472 - Therapeutic Modalities

3 credits

An investigation of the theoretical and technological basis of sports injury and therapeutic modalities.

Prerequisites: PE 220 and 220L; admittance into the professional component of the program through formal application or permission of instructor.

Change title, description, and prerequisites to:

ATTR 472 - Applied Therapeutic Modalities

3 credits

Clinical decision making and the application of therapeutic modalities for injuries/illnesses among the physically active population.

Prerequisites: ATTR 362; PE 220, 220L; admittance into the professional component of the program through formal application or permission of instructor.

A-F Grading

Preferred effective term: Fall 2010

ATTR 475 - Therapeutic Exercise

3 credits

A study of the physiology of trauma and the subsequent effects on tissues as a basis for rehabilitation. Techniques of therapeutic exercise, planning of rehabilitation programs, and manual muscle testing will be included in the course content.

Prerequisites: ATTR 472; admittance into the professional component of the program through formal application or permission of instructor; PE 381.

Change title, description, and prerequisites to:

ATTR 475 - Applied Therapeutic Rehabilitation and Reconditioning

3 credits

Clinical decision making and the application of therapeutic rehabilitation and reconditioning techniques for injuries/illnesses among the physically active population.

Prerequisites: ATTR 362, 472; PE 381; admittance into the professional component of the program through formal application or permission of instructor.

A-F Grading

Preferred effective term: Fall 2010

COURSE REVISIONS **FOUNDATIONAL STUDIES CREDIT**

COLLEGE OF ARTS AND SCIENCES: African and African American Studies

AFRI 113 - Foundations of African and African American Studies

3 credits

An exploration of the philosophical, political, historical, and sociological components that form the basis of African and African American studies.

General Education Credit: [GE2000: Multicultural Studies-U.S. Diversity]

Change General Education Credit to Foundational Studies Credit:

AFRI 113 - Foundations of African and African American Studies

3 credits

An exploration of the philosophical, political, historical, and sociological components that form the basis of African and African American studies.

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

Preferred effective term: Fall 2010

AFRI 212 - African American Cultural Traditions

3 credits

A focused and analytical examination of Black thought, ideology, and culture, as well as the institutional aspects of Black American life.

General Education Credit: [GE2000: Multicultural Studies-U.S. Diversity]

Change General Education Credit to Foundational Studies Credit:

AFRI 212 - African American Cultural Traditions

3 credits

A focused and analytical examination of Black thought, ideology, and culture, as well as the institutional aspects of Black American life.

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

Preferred effective term: Fall 2010

AFRI 222 - African Cultural Traditions

3 credits

An overview of African cultural thought and practice. Emphasis on understanding specific aspects of African cultural life, such as religion, aesthetics, political organization, and social institutions, and how these cultural areas relate to the struggle for liberation.

General Education Credit: [GE2000: Multicultural Studies-International Cultures]

Change General Education Credit to Foundational Studies Credit:

AFRI 222 - African Cultural Traditions

3 credits

An overview of African cultural thought and practice. Emphasis on understanding specific aspects of African cultural life, such as religion, aesthetics, political organization, and social institutions, and how these cultural areas relate to the struggle for liberation.

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

Preferred effective term: Fall 2010

COLLEGE OF ARTS AND SCIENCES: Art

ARTE 390 - Visual Arts in Elementary Schools

4 credits

An integrated lecture/laboratory experience designed to promote an appreciation for and a functional knowledge of the visual arts for children.

Note: For elementary education majors and minors.

Add Foundational Studies Credit:

ARTE 390 - Visual Arts in Elementary Schools

4 credits

An integrated lecture/laboratory experience designed to promote an appreciation for and a functional knowledge of the visual arts for children.

Note: For elementary education majors and minors.

Foundational Studies Credit: [FS 2010: Fine and Performing Arts]

Preferred effective term: Fall 2010

COLLEGE OF ARTS AND SCIENCES: Earth and Environmental Health Systems

ENVI 130 - World Cultures and Environments

3 credits

A study of cultural variability and human interaction with the environment in selected regions of the world.

General Education Credit: [GE2000: Multicultural Studies-International Cultures]

Change General Education Credit to Foundational Studies Credit:

ENVI 130 - World Cultures and Environments

3 credits

A study of cultural variability and human interaction with the environment in selected regions of the world.

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

Preferred effective term: Fall 2010

COLLEGE OF ARTS AND SCIENCES: English

ENG 340 - Multicultural American Literature

3 credits

Language and cultural diversity in the literature of minority writers in the United States.

General Education Credit: [GE2000: Multicultural Studies-U.S. Diversity]

Cross-listed: (Also listed as African and African American Studies 340.)

Change General Education Credit to Foundational Studies Credit:

ENG 340 - Multicultural American Literature

3 credits

Language and cultural diversity in the literature of minority writers in the United States.

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

Cross-listed: (Also listed as African and African American Studies 340.)

Preferred effective term: Fall 2010

COLLEGE OF ARTS AND SCIENCES: History

HIST 101 - Studies in World Civilization to 1500

3 credits

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

Studies in selected world civilizations from the beginnings to the early modern age. Those themes which have a direct bearing upon contemporary culture and society will be stressed.

Note: May be taken independently of History 102 for General Education credit.

General Education Credit: [GE2000: Historical Studies]

Change General Education Credit to Foundational Studies Credit:

HIST 101 - Studies in World Civilization to 1500

3 credits

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

Studies in selected world civilizations from the beginnings to the early modern age. Those themes which have a direct bearing upon contemporary culture and society will be stressed.

Note: May be taken independently of History 102 for Foundational Studies credit.

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

Preferred effective term: Fall 2010

COLLEGE OF ARTS AND SCIENCES: Psychology

SOC 110 - United States Diversity: Sociological Perspectives

3 credits

This course is an introduction to the sociological analysis of diversity in the United States, with

particular emphasis on ethnic/racial, gender/sex, and social class issues. Through reading, writing, discussion, and co-curricular activities, students will develop a better understanding of the various facets of a pluralistic American society. Enrollment is limited in order to enhance participation. The primary goal of the course is to provide a foundation for living in an increasingly diverse American society.

General Education Credit: [GE2000: Multicultural Studies-U.S. Diversity]

Change title, description, and General Education Credit to Foundational Studies Credit:

SOC 110 - United States and Global Diversity: Sociological Perspectives

3 credits

This course is an introduction to the sociological analysis of diversity in the United States and the world, with particular emphasis on ethnic/racial, gender/sex, and social class issues. Through reading, writing, discussion, and co-curricular activities, students will develop a better understanding of the various facets of a pluralistic American society that is part of an interconnected world. Enrollment is limited in order to enhance participation. The primary goal of the course is to provide a foundation for living in an increasingly diverse American society and interacting in a global environment.

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

Preferred effective term: Fall 2010

BAYH COLLEGE OF EDUCATION: Communication Disorders and Counseling, School, and Educational Psychology

EPSY 341 - Education in a Multicultural Society

3 credits

An in-depth study of multicultural issues in contemporary society, with particular emphasis on public school settings. Attention given to students' development of personal identity and societal awareness.

General Education Credit: [GE2000: Multicultural Studies-U.S. Diversity]

Change General Education Credit to Foundational Studies Credit:

EPSY 341 - Education in a Multicultural Society

3 credits

An in-depth study of multicultural issues in contemporary society, with particular emphasis on public school settings. Attention given to students' development of personal identity and societal awareness.

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

Preferred effective term: Fall 2010

COLLEGE OF TECHNOLOGY: Technology Management

TMGT 335 - Technology and International Development

3 credits

The study of technological development in an international arena. Emphasis will be placed upon the impact of technology on world societies. Technology transfer and its implication in those societies will be explored. How modern technologies interface with various cultures, and resistance to change will also be examined.

General Education Credit: [GE89: B1E2; GE2000: Multicultural Studies-International Cultures]

Change title, description, and General Education Credit to Foundational Studies Credit:

TMGT 335 - Technology and International Development

3 credits

The study of technological development in an international arena. Emphasis is placed upon the impact of technology on world societies. Technology transfer and its implication in those societies is explored. How modern technologies interface with various cultures, and resistance to change are also examined.

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

Preferred effective term: Fall 2010

COURSE BANKING

COLLEGE OF ARTS AND SCIENCES: English

ENG 431 - Literature and Culture of the Renaissance

ENG 432 - Literature and Culture of the Seventeenth and Eighteenth Centuries

ENG 433 - Literature and Culture of the Nineteenth Century

ENG 434 - Literature and Culture of the Twentieth Century

Preferred effective term: Fall 2010

COURSE ELIMINATIONS

COLLEGE OF ARTS AND SCIENCES: Languages, Literatures, and Linguistics

FREN 403A – French Study Abroad

FREN 403B – French Study Abroad

GERM 403A – German Study Abroad

GERM 403B – German Study Abroad

SPAN 403A - Spanish Study Abroad

SPAN 403B - Spanish Study Abroad

SPAN 403C - Spanish Study Abroad

SPAN 403D - Spanish Study Abroad

Preferred effective term: Summer I 2010

PROGRAM REVISIONS

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

Athletic Training Major (88 credits, including clinicals)

CIP Code: 510913 Major Code: A821

Brief Summary:

The undergraduate Athletic Training Education Program (ATEP) is accredited by the

Commission on Accreditation of Athletic Training Education (CAATE). Current changes to the curriculum are predicated on changes to the CAATE requirements. The ATEP is currently undergoing a self-study for re-accreditation. The curriculum changes are in response to weaknesses in the curriculum and areas of content omission when compared with CAATE requirements. In addition the GPA entrance requirement has been lowered to 2.75.

Student Learning:

Student Learning outcomes have been used to assess efficacy in preparing students for the National Athletic Trainers' Association - Board of Certification Examination. The results of the ATEP review have indicated weaknesses in curriculum content. The curriculum changes are in response to weaknesses in the curriculum and areas of content omission when compared with CAATE requirements.

Proposed Catalog Copy:

Athletic Training Major (94 credits, including clinicals)

CIP Code: 510913 Major Code: _____

The bachelor of science degree is an accredited Athletic Training Education Program (Commission on Accreditation of Athletic Training Education). Successful completion of the bachelor of science degree qualifies students to sit for the Board of Certification Examination. The emphasis of this undergraduate athletic training curriculum is to provide students with classroom knowledge and clinical experiences that are appropriate for the entry-level preparation of a certified athletic trainer. Course work in the department emphasizes strong theoretical foundations within each of the areas in athletic training, as well as critical thinking and problem solving skills associated with obtaining clinical proficiency. Students also benefit from hands-on clinical education experiences with health care professionals.

Required Core (29 credits):

ATTR 362 – Foundations of Therapeutic Modalities and Rehabilitation 3 credits
ATTR 363 - Orthopedic Evaluation and Diagnosis I 3 credits
ATTR 363L – Orthopedic Evaluation and Diagnosis I Lab 1 credit
ATTR 365 - Orthopedic Evaluation and Diagnosis II 3 credits
ATTR 365L – Orthopedic Evaluation and Diagnosis II Lab 1 credit
ATTR 425 - Organization and Administration of Health Care Delivery Systems 3 credits
ATTR 435 - Pharmacology 3 credits
ATTR 440 – Special Topics in Applied Medicine 3 credits
ATTR 472 – Applied Therapeutic Modalities 3 credits
ATTR 473 - Pathophysiology 3 credits
ATTR 475 – Applied Therapeutic Rehabilitation and Reconditioning 3 credits

Required Support Courses (29 credits):

HLTH 111 - Personal Health Science and Wellness 3 credits
FCS 201 - Fundamentals of Nutrition 3 credits
PE 220 - Human Physiology for Allied Health Professions 2 credits
PE 220L - Human Physiology for Allied Health Professions Laboratory 1 credits
HLTH 340 - Health Biostatistics 3 credits

PE 381 - Physiology of Exercise 4 credits
PE 385 - Foundations of Conditioning 3 credits
COUN 433 - Techniques of Counseling 3 credits
RCSM 435 - Legal Aspects of RCSM 3 credits
CHEM 103 - Elementary Chemistry I 3 credits
CHEM 103L - Elementary Chemistry I Laboratory 1 credit

OR

CHEM 105 - General Chemistry I 3 credits
CHEM 105L - General Chemistry I Laboratory 1 credit

Clinical Experience (19 credits):

ATTR 255 - Athletic Training Practicum I 3 credits
ATTR 256 - Athletic Training Practicum II 3 credits
ATTR 354 – Preseason Internship 1 credit
ATTR 355 - Athletic Training Practicum III 3 credits
ATTR 356 - Athletic Training Practicum IV 3 credits
ATTR 455 - Athletic Training Practicum V 3 credits
ATTR 456 - Athletic Training Practicum VI 3 credits

Prerequisite Courses (17 credits):

ATTR 110 Introduction to Health Professions 3 credits
ATTR 202 – CPR and 1st Aid for the Professional Rescuer 1 credit
ATTR 210 – Human Anatomy 2 credits
ATTR 210L – Human Anatomy Laboratory 1 credit
ATTR 212 – Care & Prevention of Athletic Injuries & Illnesses 3 credits
ATTR 212L – Care & Prevention of Athletic Injuries & Illnesses Lab 1 credit
ATTR 225 – Medical Terminology 3 credits
ATTR 280 – Clinical Kinesiology 3 credits

Note: An application process is necessary for the professional component of the major. Matriculating students typically apply during the spring semester of their freshman year. Transfer students are encouraged to apply when they have completed or are enrolled in prerequisite course equivalents. Transfer students must provide evidence of equivalent coursework (i.e. course descriptions, syllabi, evidence of competency completion). Prerequisite courses include Athletic Training 110, 210, 210L, 212, 212L, 225, and 280. At the time of application students must submit, application, evidence of job shadowing hours (50 credits), current emergency cardiac care certification, physical examination, technical standards, immunization records (including Hepatitis B or waiver), confidentiality statement, and a copy of transcripts (official transcripts are required from any additional college coursework, unofficial ISU transcripts are acceptable). Students are financially responsible for expenses of the application accrued prior to admittance into the professional component of the program. After review of application documents, students will interview with Athletic Training Department Academic and Clinical Faculty. Formal acceptance into the professional component of the program requires a 2.75 cumulative GPA and successful completion of prerequisite courses. Successful completion of a pre-requisite course requires a grade of C or better.

Additional information regarding program admission is available at the Undergraduate Athletic Training Education Program website: <http://www.indstate.edu/athtrn/admissionspolicy.htm>.

Preferred effective term: Fall 2010

GRADUATE PROPOSALS

NEW COURSES

COLLEGE OF ARTS AND SCIENCES: Earth and Environmental Systems

ENVI 733 - Seminar in Earth and Environmental Systems

3 credits

This seminar focuses on surveying the current academic literature and discussing emerging research topics in allied fields and will require students to reflect on current research practices and emerging issues across the geosciences. This seminar is also linked to the department's speaker series and attendance is required at all presentations.

A-F Grading

Preferred effective term: Fall 2010

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

ATTR 626 – Leadership and Administration in Athletic Training

3 credits

This course provides a forum of open discussion and debate of administration issues, and controversial, moral and ethical questions facing the athletic trainer. Students gain a greater understanding of diverse philosophies and populations in sports medicine, the roles that allied health/sports medicine specialists play; how they interrelate with the athletic training profession, and their contribution to the overall care of the injured athlete.

A-F Grading

Preferred effective term: Fall 2010

ATTR 660 – Environmental Illnesses

3 credits

This course explores the prevention, recognition, and treatment of injuries and illness that result from various environmental situations. It also examines the interrelationship between the physical environment and the human while exercising under different states of fitness and acclimatization.

A-F Grading

Preferred effective term: Fall 2010

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Earth and Environmental Systems

GEOG 611 - Research in Geography

3 credits

Evaluation of the quantitative approaches to geographic research and their utilization in the preparation of funding proposals and research articles.

Change prefix, title, and description to:

ENVI 611 - Research Design

3 credits

The course focuses on proposal development, academic writing skills, and an evaluation of the research approaches in spatial and earth sciences research.

A-F Grading

Preferred effective term: Fall 2010

COLLEGE OF ARTS AND SCIENCES: English

ENG 691 - Independent Research

1-3 credits

Research on a topic proposed by the student and instructor and approved by the Chairperson of the Department of English.

Note: May be repeated once for credit when topic is different.

Remove repeatable to:

ENG 691 - Independent Research

1-3 credits

Research on a topic proposed by the student and instructor and approved by the Chairperson of the Department of English.

A-F Grading

Preferred effective term: Fall 2010

COLLEGE OF ARTS AND SCIENCES: Languages, Literatures, and Linguistics

LLL 699 - Master's Thesis

6 credits

By arrangement with the chairperson of the student's thesis committee.

Change credits, description, and add repeatable to:

LLL 699 - Master's Thesis

1-6 credits

A maximum of six credits may be counted toward the degree.

Repeatable: a maximum of 6 credits

S-U Grading

Preferred effective term: Summer I 2010

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

ATTR 625 - Administration and Teaching

3 credits

Comprehensive examination (through reading, discussion, and role-playing) of clinical teaching, learning, and assessment; facility management; insurance; and reimbursement issues are presented in this course. Current literature regarding technique efficacy is included and provides the foundation of the course.

Change title and description to:

ATTR 625 – Athletic Training Educator

A comprehensive examination (through reading, discussion, and role-playing) of athletic training education including teaching, learning, and assessment. Current literature regarding technique

efficacy is included and provides the foundation of the course.

A-F Grading

Preferred effective term: Fall 2010

ATTR 661 - Diagnostics and Rehabilitation-Lower Extremity

3 credits

Comprehensive examination (through reading, discussion, and hands-on practice) of athletic injuries to the lower extremity using advanced evaluation and rehabilitation techniques will be presented in this course. Current literature regarding efficacy of special tests and rehabilitation will be included and provide the foundation of the course. Particular emphasis will be placed on the gait analysis and lower back evaluation.

Note: current literature will be read and abstracted by the students.

Change title and description to:

ATTR 661 – Evidence-Based Rehabilitation of the Kinetic Chain

Comprehensive examination (through reading, discussion, and hands-on practice) of rehabilitation techniques is presented in this course. Current literature regarding efficacy of rehabilitation is included and provide the foundation of the course.

A-F Grading

Preferred effective term: Fall 2010

ATTR 662 - Diagnostics and Rehabilitation-Upper Extremity

3 credits

Comprehensive examination (through reading, discussion, and hands-on practice) of athletic injuries to the upper extremity using advanced evaluation and rehabilitation techniques will be presented in this course. Current literature regarding efficacy of special tests and rehabilitation will be included and provide the foundation of the course. Particular emphasis will be placed on the overhead athlete.

Note: current literature will be read and abstracted by the students.

Change title and description to:

ATTR 662 – Evidence-Based Diagnosis of Orthopedic Injuries

Comprehensive examination of current literature identifies advanced evaluation techniques for orthopedic injuries. Diagnostic accuracy of clinical tests is the foundation of this course.

A-F Grading

Preferred effective term: Fall 2010

ATTR 698 - Research Project

3 credits

By arrangement with the chairperson of the student's project committee. Student identifies a research question and then designs and carries out a research study to answer the question. Additionally, student develops an oral and poster presentation and an abstract to be submitted for presentation at a professional conference.

Change credits, description, and add repeatable to:

ATTR 698 - Research Project

2-6 credits

By arrangement with the chairperson of the student's project committee. Students identify a research question and then complete a research study to answer the question.

Repeatable: Students are required to repeat for a total of six credits.

A-F Grading

Preferred effective term: Fall 2010

ATTR 699 - Master's Thesis

3 or 6 credits

By arrangement with the chairperson of the student's thesis committee.

Change credits, description, and add repeatable to:

ATTR 699 - Master's Thesis

2-6 credits

By arrangement with the chairperson of the student's thesis committee. Students will take this class in two credit intervals for the last 3 semesters.

A-F Grading

Preferred effective term: Fall 2010

COURSE REACTIVATIONS

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

ATTR 655 - Clinical Experience I

2 credits

Clinical experience in athletic training allows students to broaden their experience and to develop advanced clinical skills.

Prerequisite: admittance into the graduate athletic training program.

Change title, credits, description, and add repeatable to:

ATTR 655 – Clinical Experience in Athletic Training I

0-2 credits

Advanced practical experience in athletic training with student facilitated discussion.

Prerequisite: admittance into the graduate athletic training program.

Repeatable: May be repeated for a maximum of two credits.

A-F Grading

Preferred effective term: Fall 2010

ATTR 656 - Clinical Experience II

1 credit

Clinical experience in athletic training allows students to broaden their experience and to develop advanced clinical skills.

Prerequisite: admittance into the graduate athletic training program.

Change title, credits, description, and add repeatable to:

ATTR 656 – Clinical Experience in Athletic Training II

0-2 credits

Advanced practical experience in athletic training with student facilitated discussion.

Prerequisite: admittance into the graduate athletic training program.

Repeatable: may be repeated for a maximum of two credits.

A-F Grading

Preferred effective term: Fall 2010

COURSE BANKING

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

ATTR 686 – Advanced Functional Human Anatomy Lecture
ATTR 686L - Advanced Functional Human Anatomy Laboratory

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES: English

M.A. English-Specialization in Writing (32 credits minimum)
CIP Code: 230101 Major Code: 1073

Brief Summary:

The Department aims to change the Writing specialization by reinstating a general elective of three hours taken either within the specialization, within the Department, or outside the Department.

Student Learning:

The proposed change will increase student learning by giving students the option to take a course that complements their study of writing, such as another literature course or a course in a related discipline, for instance History. If students are best served by electing one more writing course within the specialization, they may elect to do so.

Proposed Catalog Copy:

M.A. English-Specialization in Writing (32 credits minimum)
CIP Code: 230101 Major Code: 1073

Research and Theory:

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

English Core:

600-level course in American literature-3 credits
600-level course in English literature before 1800-3 credits
600-level course in English literature since 1800-3 credits

Electives:

Electives: at least 18 credits of directed electives in composition/rhetoric, creative writing, or technical writing, including the culminating experience and a general elective of 3 credits chosen from a course either within the specialization, outside the specialization, or outside the department.

Other Requirements:

Reading knowledge of one classical or modern language approved by the Director of Graduate Studies in English. This requirement may be met by completing at the undergraduate level at least 12 credit hours in the language, or by passing a foreign language proficiency examination.

Culminating Experience:

Choose one of the following:

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

Note: No more than 6 hours of transfer credit will be accepted for this program.
Preferred effective term: Fall 2010

BAYH COLLEGE OF EDUCATION: Educational Leadership, Administration, and Foundations

Ed.S. School Administration. (66 credits minimum)
CIP Code: 130401 Major Code: 8489

Brief Summary:

This proposal is for:

1. The elimination of SPED 770, which is no longer offered and is cross listed with CIMT 770, which is offered regularly.
2. The addition of EPSY 620 as an alternative to CIMT 610.
3. The addition of ELAF 607 as an alternative to ELAF 605 - Philosophy of Education and ELAF 608 - School and Society
4. Removes required classes from the Campus Option and replaces them with approved electives. Many of the required courses are no longer taught.

Brief Summary:

The curriculum requirements in this program are driven by state licensure requirements.

Proposed Catalog Copy:

Ed.S. School Administration (66 credits minimum)
CIP Code: 130401 Major Code: _____

Degree Requirements:

- ELAF 605 - Philosophy of Education 3 credits
- or
- ELAF 607 - History of American Education 3 credits
- or

ELAF 608 - School and Society 3 credits
ELAF 650 - Foundations of Educational Leadership 3 credits
ELAF 655 - Legal Aspects of Educational Administration 3 credits
ELAF 656 - School and Community: Collaborating for Effective Schools 3 credits
ELAF 681 - The School Principal: Leadership for Changing Schools 3 credits
ELAF 710 - Social Foundations of Leadership 3 credits
ELAF 754 - School Business Administration 3 credits
ELAF 751 - Administration of School Personnel 3 credits
ELAF 753 - Public School Finance 3 credits
ELAF 757 - Educational Facility Planning 3 credits
ELAF 759 - Seminar in School Superintendency 3 credits
EPSY 621 - Development Through the Lifespan 3 credits
CIMT 610 - Research in Education 3 credits

or

EPSY 620 - Foundations of Qualitative and Quantitative Research 3 credits
CIMT 611 - Measurement and Evaluation in Education 3 credits
ELED 660 - The Elementary Curriculum 3 credits

or

CIMT 660 - Curriculum Fundamentals 3 credits
ELAF 683 - Leadership for Learning 3 credits

or

CIMT 770 - Curriculum Development 3 credits
Complete the 12 hour Campus or Field Option:

Campus Option:

12 hours of approved electives

Field Option:

ELAF 758 - Principal Internship 3 credits (taken twice)

ELAF 793 - Seminar in Effective Practices for Principals 3 credits (taken twice)

Thesis or Field Study:

ELAF 790 - Individual Research and Study 1-3 credits

ELAF 792 - Field Research Projects 1-3 credits

Preferred effective term: Fall 2010

BAYH COLLEGE OF EDUCATION: Educational Leadership, Administration, and Foundations

Director of Exceptional Needs—Initial License Post-Master's Non-degree (33-48 credits)
CIP Code: 130401 Major Code: 8497

Brief Summary:

ELAF 753 - Public School Finance is proposed as an alternative to SPED 685 - Grant development and Program Evaluation.

COUN 620 is being removed from the choices because it is a class reserved for majors in CDCSEP. It will be an approved alternative, and will be coded into DARS as an approved

alternative. The language requiring CIMT 610 or EPSY 620 has been clarified also.

The proposal also corrects the number of credit hours required, and some ambiguous catalog language.

Student Learning:

Feedback from students in the programs indicate problems scheduling required courses on the current program, and substitutions have been made to accommodate students on a case-by-case basis. This proposed change should eliminate scheduling problems. The professional standards for licensure will still be met and assessed with the revisions.

Proposed Catalog Copy:

Director of Exceptional Needs—Initial License Post-Master's Non-degree (33-48 credits)
CIP Code: 130401 Major Code: _____

Students who have completed a master's degree with a minimum graduate grade point average of 3.25; hold the minimum of either a standard or proficient practitioner teaching or school services license in the field of exceptional needs, speech pathology, or school psychology; and have a minimum of two years experience in the appropriate license area may become eligible for the initial Director of Exceptional Needs License by completing the program outlined below.

The student must complete the following courses. At least 15 semester hours must be taken from Indiana State University after admission to the program.

CIMT 610 - Research in Education 3 credits

or

EPSY 620 - Foundations of Resarch 3 credits

ELAF 605 - Philosophy of Education 3 credits

ELAF 650 - Foundations of Educational Leadership 3 credits

ELAF 655 - Legal Aspects of Educational Administration 3 credits

ELAF 656 - School and Community: Collaborating for Effective Schools 3 credits

ELAF 751 - Administration of School Personnel 3 credits

ELAF 753 - Public School Finance 3 credits

or

SPED 685 - Grant Development and Program Evaluation 3 credits

ELAF 754 - School Business Administration 3 credits

ELAF 759 - Seminar in School Superintendency (must be taken concurrently with SPED 684) 3 credits

SPED 601 - Education of Exceptional Children

or

SPED 607 - Diversity and Disability in Today's Schools 3 credits

SPED 674 - Administration of Special Education 3 credits

SPED 684 - Internship in Administration (must be taken concurrently with ELAF 759) 3-6 credits

SPED 698D - Advanced Topics in Special Education 1-3 credits

CIMT 660 - Curriculum Fundamentals

EPSY 621 - Development through the Lifespan 3 credits

Licensure Regulations

Interested individuals are encouraged to consult Education Student Services in the College of Education before pursuing a program intended to result in licensure.

Preferred effective term: Fall 2010

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

M.S. Athletic Training (33 credits minimum)

CIP Code: 510913 Major Code: A873

Brief Summary:

Due to changes in NATA accreditation standards and in the specialization of departmental faculty we have altered our program to include clinical classes and classes that align with our program outcomes. We have added four (4) credits hours (ATTR 655 and 656) to the program due to changes in accreditation standards and guidelines, in addition to the addition of two (2) new course (ATTR 626 and ATTR 660) and modified course titles and descriptions for five (5) courses (ATTR 625, 661, 662, 698, 699). We also banked two (2) courses (ATTR 686 and 686L).

Student Learning:

The department voted (6-0-0) to change the graduate athletic training program outcomes based on program assessment and the lack of alignment with current accreditation standards, evident after performing the Self Study for re-accreditation. The program outcomes have been altered to reflect current trends and faculty specialties and include:

1. Athletic Trainer Educator
2. Leadership and Administration
3. Evidence Based Practice

Specific Long and Short term Objectives of the program include:

1. Increasing the students depth and breadth of understanding in athletic training subject matter to become an advanced practitioner.
2. Enhance students' critical thinking skills through the use of evidence based practice.
3. Enhance students' ability to discover and develop new knowledge .
4. Provide students' advance knowledge and skills to prepare them for leadership roles in athletic training.
5. Provide students' the tools and knowledge to be athletic trainer educators in the broad sense of educating athletic training students, patients/athletes, coaches, parents and the community.
6. Provide students' experiences and engagement with the community to augments critical thining skills, leadership skill and athletic trainer educator skills aquired throught eh program.

We have included a course matrix indicating progress through the curriculum, as well as where program outcomes are imbeded in program courses. Individual classes also provide a guide to the program outcome goals for course objective. Program asseessment indicated that sutdents were not completing research projects in a timely manner, therefore, a stepwise progression for

the research project and thesis was created to advance students through the process and increase graduation rates. The addition of ATTR 626 leadership and administration in athletic training is a base course for one of our program outcomes. Alterations to the other courses reflect the changes in our program outcomes. The reactivation of the ATTR 655 and ATTR 656 graduate athletic training clinical experience are needed for future accreditation standards and will be used to monitor the students clinical experience and outcomes. Although after the original department vote, the recent accreditation visit reiterated the need for clinical courses validating the reactivation. Each class has assignments designed to measure certain program outcomes dependent on the courses (see course syllabi).

Proposed Catalog Copy:

M.S. Athletic Training (33 credits minimum)

CIP Code: 510913 Major Code: _____

Research (12 credits):

- ATTR 691 - Research Methods 3 credits
- and
- ATTR 698 - Research Project 6 credits
- or
- ATTR 699 - Master's Thesis 6 credits

Choose one from the following statistics courses:

- EPSY 612 - Statistical Methods 3 credits
- HLTH 604 - Research Design and Data Analysis in Health and Human Performance 3 credits
- PE 605 - Quantitative Analysis and Application to Exercise and Sport Science 3 credits

Major (25 credits):

- ATTR 625 - Athletic Trainer Educator. 3 credits
- ATTR 626- Administration and Leadership. 3 credits
- ATTR 655- Clinical Experience in Athletic Training. 2 credits
- ATTR 656- Clinical Experience in Athletic Training 2. 2 credits
- ATTR 660-Environmental Illness. 3 Credits
- ATTR 661 - Evidence Based Rehabilitation of the kinetic chain 3 credits
- ATTR 662 - Evidence Based Diagnosis of Injuries 3 credits
- ATTR 675 - Therapeutic Modalities 3 credits
- ATTR 676 - Manual Therapy 3 credits

Culminating Experience:

Successful completion of thesis or research project, prepared abstract to be submitted for presentation at a professional conference, and the development of an oral and poster presentation.

Preferred effective term: Fall 2010

GRADUATE APPROVALS

NEW COURSES

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

PASS 500X – Health Care Experience

1 credit

This course offers experiential learning in a clinical setting for unlicensed persons. Supervised patient interactions in a variety of clinical settings designed to assess one's ability to be in the clinical environment.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 610 – Bioscience

4 credits

A comprehensive review of human anatomy and physiology integrating biochemistry and microbiology with an emphasis on cellular foundations for the diagnosis and treatment of human illness.

Prerequisites: Admission to the Physician Assistant Program

Co-requisites: PASS 611, 613, 617

A-F Grading

Preferred effective term: Fall 2010

PASS 611 – Physical Diagnosis

3 credits

To develop the knowledge, attitudes and skills requisite for medical history taking, physical examination, clinical problem solving and diagnostic assessment for persons throughout the lifespan.

Prerequisites: Admission to the Physician Assistant Program

Co-requisites: PASS 610, 613, 617

A-F Grading

Preferred effective term: Fall 2010

PASS 613 – Clinical Science

3 credits

Clinical nutrition, evidence-based medicine foundations and basic clinical skills with an emphasis on the cellular mechanism for health and illness will be presented. A survey of human genomics is included.

Prerequisites: Admission to the Physician Assistant Program

Co-requisites: PASS 610, 611, 617

A-F Grading

Preferred effective term: Fall 2010

PASS 617 – Introduction Physician Assistant Practice

2 credits

This is an exploration of bioethical, legal, and cultural influences in clinical practice. An analysis of health care delivery systems, evidence-based medicine in clinical decision making, and the interdisciplinary approach to ensure quality patient outcomes is included.

Prerequisites: Admission to the Physician Assistant Program

Co-requisites: PASS 610, 611, 613

A-F Grading

Preferred effective term: Fall 2010

PASS 620 – Clinical Medicine I

4 credits

The pathophysiology, presenting signs and symptom, diagnosis and management of the most common clinical problems seen in primary care using an organ systems and life stages approach and focusing on orthopedics, endocrinology, gastroenterology, ophthalmology, ENT, and wound management.

Prerequisites: PASS 610, 611, 613, 617

Co-requisites: PASS 622, 624, 626

A-F Grading

Preferred effective term: Fall 2010

PASS 622 - Specialty Care I

4 credits

The essentials of diagnosis and management of medicine specialty areas for primary care practitioners, using an organ systems and life stages approach. Cardiology, pulmonology, behavioral medicine, dermatology, and women's health are the areas of focus.

Prerequisites: PASS 610, 611, 613, 617

Co-requisites: PASS 620, 624, 626

A-F Grading

Preferred effective term: Fall 2010

PASS 624 – Pharmacotherapeutics I

3 credits

The essentials of basic pharmacological principles and disease process therapeutics are presented. A framework is placed for safe and effective use of medications and point-of-care therapeutics resources.

Prerequisites: PASS 610, 611, 613, 617

Co-requisites: PASS 620, 622, 626

A-F Grading

Preferred effective term: Fall 2010

PASS 626 – Clinical Management I

4 credits

Integrating clinical medical knowledge with pharmacotherapeutics and health systems realities into clinical decision making, this course emphasizes a holistic approach to the patient while ensuring safe and appropriate medical care. Co-morbidities, challenges to care delivery, and other patient complexities will be addressed while developing strategies to maximize clinical outcomes.

Prerequisites: PASS 610, 611, 613, 617

Co-requisites: PASS 620, 622, 624

A-F Grading

Preferred effective term: Fall 2010

PASS 630 – Clinical Medicine II

4 credits

The pathophysiology, presenting signs and symptom, diagnosis and management of the most common clinical problems seen in primary care using an organ systems and life stages approach and focusing on infectious disease, emergency medicine, neurology, pediatrics, and preventative medicine.

Prerequisites: PASS 620, 622, 624, 626

Co-requisites: PASS 632, 634, 635, 636

A-F Grading

Preferred effective term: Fall 2010

PASS 632 – Specialty Care II

3 credits

The essentials of diagnosis and management of the medicine specialty areas for primary care practitioners, using an organ systems and life stages approach. This course focuses on oncology, hematology, nephrology and urology.

Prerequisites: PASS 620, 622, 624, 626

Co-requisites: PASS 630, 634, 635, 636

A-F Grading

Preferred effective term: Fall 2010

PASS 634 – Pharmacotherapeutics II

3 credits

The essentials of basic pharmacological principles and disease process therapeutics are expanded to include infectious disease, neurology, oncology, hematology, pediatrics, surgery, and emergency medicine. A framework is set for safe and effective use of medications and the use of point of care therapeutics resources.

Prerequisites: PASS 620, 622, 624, 626

Co-requisites: PASS 630, 632, 635, 636

A-F Grading

Preferred effective term: Fall 2010

PASS 635 – Applied Research

2 credits

This course strengthens students' ability to critically evaluate clinical data through the discipline of evidence-based medicine. Students retrieve and analyze best available external clinical evidence from systematic research and be able to present and apply findings for clinical practice.

A-F Grading

Preferred effective term: Fall 2010

PASS 636 – Clinical Management II

3 credits

Integrating clinical medical knowledge with pharmacotherapeutics and health systems realities into clinical decision making in infectious disease, pediatrics, oncology, and surgery, this course

emphasizes a holistic approach to the patient while ensuring safe and appropriate medical care. Developing strategies to maximize clinical outcomes is included.

Prerequisites: PASS 620, 622, 624, 626

Co-requisites: PASS 630, 632, 634, 635

A-F Grading

Preferred effective term: Fall 2010

PASS 643 – Clinical Skills

3 credits

This course imparts the professional and technical skills necessary to gain proficiency in knowing when and how to perform a wide range of clinical procedures. Experiential learning for diagnostic and therapeutic procedures in the primary care and emergency medicine context occur.

Prerequisites: PASS 630, 632, 634, 635, 636

A-F Grading

Preferred effective term: Fall 2010

PASS 655 – Clinical Project

3 credits

An independent study course designed to foster a sense of clinical inquiry and carry the process of gathering and presenting evidence-based knowledge through each of its phases culminating in an in-depth analysis of a current clinical issue placed in the context of the local communities served during the clinical year.

Prerequisites: PASS 635

A-F Grading

Preferred effective term: Fall 2010

PASS 670 – Family Medicine Rotation

3 credits

Clinical experience in an office setting designed to build a solid foundation for the evaluation, documentation, diagnosis, and treatment of persons presenting for care in a typical family medicine office practice. The student may have an opportunity to develop proficiency in office procedures commonly performed in a family medicine practice.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 671 – Emergency Medicine Rotation

3 credits

Clinical experiences in a hospital based emergency department to include the triage, stabilization, treatment and / or transfer of patients with urgent and emergent conditions. Students also learn strategies for interacting with patients, families, and colleagues experiencing various levels of stress.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 672 – General Surgery Rotation

3 credits

Clinical experiences in a primarily hospital based general surgery service. Comprehensive management of the surgical patient, intraoperative care, informed consent and emerging trends in surgical interventions are included.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 673 – Women’s Health Rotation

3 credits

An outpatient experience focused on evaluation, diagnosis, treatment and prevention of disease across a woman’s lifespan. Intimate exams, recognition of signs of partner abuse, and sensitive history taking are essential components of this experience.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 674 – Internal Medicine Rotation

3 credits

A clinical preceptorship focused on the evaluation and treatment of adults presenting for care in an internal medicine practice. Opportunities to integrate the skills necessary to evaluate and manage chronic illness and to perform or assist in procedures common to the practice of internal medicine in hospital and office settings.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 675 – Geriatrics Rotation

3 credits

Clinical experience in the care of the elderly designed to prepare the student for the evaluation and treatment of geriatric patients with complex problems. Prevention of medical misadventures and sensitivity to quality of life issues will be emphasized. Long term care, hospital, office and home visits are included.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 676 – Behavioral Medicine Rotation

3 credits

A clinical experience designed to integrate the principles of mental health into the diagnosis and management of persons with acute or chronic mental illness. An emphasis will be on integrating non-pharmacological interventions with the safe and appropriate use of psychoactive pharmaceuticals into the comprehensive care of persons with mental illness.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 677 – Pediatrics Rotation

3 credits

A clinical experience in which the student will learn to evaluate and manage pediatric patients presenting for wellness visits or care of acute or chronic illness primarily in an outpatient setting. Newborn to adolescent care, injury prevention counseling and recognizing the signs of at risk children are included.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 678 – Floating Rotation

3 credits

A student-selected repeat of a required rotation: behavioral, family, emergency or internal medicine; surgery; women's health; pediatrics; or geriatrics. The selection allows for a deeper understanding of the complexity of disease processes, clinical management, and spectrum of issues in the chosen field.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 679 – Elective Rotation I

3 credits

In association with the clinical coordinator, each student will choose two four-week rotations from a list of possibilities: primary care, hospitalist, orthopedics, nephrology, interventional radiology, sports medicine, integrative medicine, among others. Placements will be according to availability.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 680 – Elective Rotation II

3 credits

In association with the clinical coordinator, each student will choose two four-week rotations from a list of possibilities: primary care, hospitalist, orthopedics, nephrology, interventional radiology, sports medicine, integrative medicine, among others. Each student will select two rotations and be placed according to availability.

Prerequisites: Approval of clinical coordinator

A-F Grading

Preferred effective term: Fall 2010

PASS 686 – Clinical Management III

4 credits

A summative course, designed to integrate clinical experience with the principles of evidence-based medicine, cultural competency, cost-effectiveness analysis and outcomes-based clinical medicine. Systems analysis, reimbursement and funding issues will be addressed. Presentation of the clinical project occurs during this course.

Prerequisites: Approval of clinical coordinator

Co-requisites: PASS 687

A-F Grading

Preferred effective term: Fall 2010

PASS 687 – Physician Assistant Practice Transition

5 credits

Information required of students as they transition from school to clinical practice. Key areas include PANCE blueprint; certification and licensure maintenance; ethical and legal issues; impaired professionals; cultural competency; community service; leadership development; personal health and wellness.

Prerequisites: Permission of course instructor

Co-requisites: PASS 686

A-F Grading

Preferred effective term: Fall 2010

NEW PROGRAM

The Indiana Commission for Higher Education approved at its February 12, 2010 meeting the Master of Science in Physician Assistant Studies

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Athletic Training

Master of Science Physician Assistant Studies (93 credits)

CIP Code: 510912 Major Code: _____

Brief Summary:

The mission of the Indiana State University Physician Assistant Program is to create a student-centered educational environment that engages individuals to become compassionate, competent physician assistants who possess the clinical skills to contribute positively to the dynamic health care needs of rural and underserved populations. This program is part of the initiatives for the Indiana State Rural Health Innovation Collaborative (RHIC).

Clientele to be served: The PA program will serve baccalaureate prepared students from a variety of backgrounds who may enroll directly after completion of their undergraduate degree or, as is often the case, after working in the health care fields for a variable length of time. Our goal is to find qualified Indiana residents for at least two-thirds of the available seats in the program. Regardless of age, gender or ethnicity, we intend to attract those persons wanting to serve their community as a provider of quality health care with an emphasis on evidence-based medicine and cultural competency. To that end we will make a concerted effort to attract and accept a diverse student body.

Curriculum: The curriculum has been designed based on accreditation standards as published by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) and will require 93 graduate credit hours in a campus-based program over seven consecutive semesters. The prerequisites include a strong foundation in the biological sciences, namely chemistry, anatomy, physiology, microbiology and statistics. Experiential learning in the clinical environment is accomplished during eleven four week rotations of fulltime clinical preceptorship in at least eight medical specialties. There is no option for advanced placement or for part-time study. Our students are encouraged not to work during the entire program due to

the curricular intensity.

Employment opportunities: Certified physician assistants (PA-C) find employment opportunities in a whole range of medical settings. Once certified, a PA is qualified to work in surgical subspecialties as well as just about every area of clinical medicine as well as in academia. PAs are employed wherever a physician might be employed. According to the Indiana Workforce Development's High-Wage High-Demand Occupations report for 2006-2016 there were 283 openings for PAs and a projected growth rate of 26.9%. The U.S. Bureau of Labor Statistics listed physician assistants among the fastest growing occupations for 2006 — 2016 in the November 2007 Monthly Review.

Student Learning:

At the completion of this program the PA graduate will be able to:

1. Practice compassionate primary care medicine sensitized to the particular health care needs of rural and underserved communities. (Primary Care Provider)
2. Apply the principles of evidence-based medicine and critical thinking in clinical decision making. (Critical Thinking)
3. Communicate effectively with patients, families and members of the multidisciplinary healthcare team. (Communication)
4. Partner with supervising physicians and other professional colleagues to provide competent patient-centered care across the lifespan. (Patient Care)
5. Utilize practice and systems-based analysis to insure patient safety and improve outcomes through continuous quality improvement. (Safety/Quality)
6. Respond to the complexities of the dynamic healthcare system by practicing in a cost-effective and socially responsible manner. (Leadership)
7. Commit to high ethical standards responsive to the needs of the profession, the individual and to society. (Ethics/Community Leadership)

Proposed Catalog Copy:

Master of Science Physician Assistant Studies (93 credits)

CIP Code: 510912 **Major Code:** _____

In addition to admission requirements for the College of Graduate and Professional Studies, the PA program requires students:

1. To have earned a baccalaureate degree from a regionally accredited institution of higher learning.
2. Who hold a baccalaureate degree from institutions outside the United States to have completed at least one year or 24 semester credits of additional coursework at a college or university in the United States prior to application.
3. Whose native language is not English to have a minimum TOEFL score of 550.
4. To submit three letters of recommendation and a personal statement explaining why she or he wants to become a physician assistant.
5. To show proficiency in medical terminology. The program will offer a self-study module as needed and, if needed, is to be completed prior to matriculation.
6. To consider obtaining health care experience if one does not already have said

experience. Indiana State University is offering PASS 500X to facilitate acquiring said experience prior to matriculation. This is not a requirement for application or admission.

Prerequisite course work is as follows, and must have been accomplished with a grade of C or better.

1. At least five biological science courses of three semester credits each. Of these five courses, at least one must be in anatomy, one in physiology, and one in microbiology. Courses in human anatomy and human physiology are preferred to courses of a more general nature, and courses with labs are preferred. To fulfill the remaining biological science course prerequisite, we recommend courses such as cell biology, molecular biology, genetics, pharmacology, embryology, histology, or immunology. While none of the latter courses are required, they provide a good foundation for the study of medicine.
2. At least two chemistry courses with labs of four semester credits each.
3. At least one statistics course of at least two semester credits.

Required Courses:

PASS 610	4
PASS 611	3
PASS 613	3
PASS 617	2
PASS 620	4
PASS 622	4
PASS 624	3
PASS 626	4
PASS 630	4
PASS 632	3
PASS 634	3
PASS 635	2
PASS 636	3
PASS 643	3
PASS 655	3
PASS 670	3
PASS 671	3
PASS 672	3
PASS 673	3
PASS 674	3
PASS 675	3
PASS 676	3
PASS 677	3
PASS 678	3
PASS 679	3
PASS 680	3
PASS 686	4
PASS 687	5
HLTH 617	3

Preferred effective term: Spring 2011