



Academic Notes

June 7, 2010

AN 2009-2010

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SUMMER 2010

Below is the circulation schedule for the electronic copy of *Academic Notes* through August 16, 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

During the summer months, *Academic Notes* is published every other week.

ACADEMIC NOTES PUBLICATION SCHEDULE FOR SUMMER 2010

<u>Deadline for Items</u>	<u>Issue Date</u>
June 16	June 21
June 30	July 6
July 14	July 19
July 28	August 2
August 11	August 16

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.

CURRICULUM

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GRADUATE PROPOSALS

NEW COURSES

COLLEGE OF TECHNOLOGY: Aviation

AVT 511 – Advanced Aviation Security

3 credits

This course covers terrorism, criminal activity, and vandalism at airports, and ways to counter these threats. Federal Aviation Administration Regulations and advisory circulars are used to broaden the students understanding of the threats and response systems that are in place.

Additionally, international standards adopted by the International Civil Aviation Organization are covered.

A-F Grading

Preferred effective term: Spring 2011

AVT 531 – Aviation Safety Management Systems

3 credits

The course covers the use of safety management systems in aviation at the international,

national, and state level. Specific areas in aviation serve as models to give students an ability to apply their classroom knowledge and lead to a more in depth understanding of the value of this holistic approach to safety.

A-F Grading

Preferred effective term: Spring 2011

AVT 577 – Intermodal Transportation and Logistics

3 credits

This course provides an in-depth study of the elements of modern integrated transportation systems and logistics support. The principles of logistics distribution, advancements in intermodal transportation, the deregulation of the transportation industry, and the key parts played by aviation are explored, as well as the expansive use of information technology and its effect on logistics procedures and practices.

A-F Grading

Preferred effective term: Spring 2011

AVT 592 – Business Principles of Global Aviation

3 credits

This course is a practical and comprehensive study of business practices and leadership theories to apply in diverse government and corporate entities of the global aviation industry. Management strategies for world-wide airline competition, alliances, and cargo carrier operations are examined with respect to cultural, ethical, political, and regulatory facets.

A-F Grading

Preferred effective term: Spring 2011

AVT 641 - Advanced Human Factors

3 credits

This course provides students with a comprehensive understanding of the multidisciplinary field of aviation/aerospace psychology. It focuses on organizational, industrial, personnel, and engineering psychology as they individually and collectively pertain to organizational culture, safety climate, individual behavior, human performance, personnel selection, training programs, and system design.

A-F Grading

Preferred effective term: Spring 2011

AVT 642 - Emergency Planning and Crisis Leadership

3 credits

This course provides students with the ability to integrate knowledge and theory in the practice of planning, preparing for, and responding to emergencies/crises. Crises may range from isolated in-flight emergencies to large natural disasters. It also provides a strong focus on management approaches, regulatory changes, and technological developments as well as change.

A-F Grading

Preferred effective term: Spring 2011

AVT 697 - Major Project

3 credits

Students use the knowledge gained from their coursework to complete an in depth research project. The project must be clearly defined and solutions must be suggested to answer the

questions posed in the study.

A-F Grading

Preferred effective term: Spring 2011

AVT 699 - Master Thesis

6 credits

Students complete a thesis as approved by their thesis committee.

A-F Grading

Preferred effective term: Spring 2011

NEW PROGRAMS

COLLEGE OF TECHNOLOGY: Aviation Technology

Aviation – Master of Science (30-33 credits)

CIP Code: 490104 Major Code: _____

Brief Summary:

Students in the Aviation Program continue to express interest in pursuing a graduate degree in aviation. Presently, the aviation program has robust enrollments numbers with over 200 students. It should be noted that the program will require no new resources.

Student Learning:

Data has been collected from the aviation students asking them to express their interest in pursuing an advanced degree in their major at ISU. The results indicate a strong interest in such a degree.

Proposed Catalog Copy:

Aviation – Master of Science (30-33 credits)

CIP Code: 490104 Major Code: _____

The field of aviation is rapidly changing and requires aviation professionals to continually update their knowledge and aerospace skills. This online masters degree was developed to provide an opportunity for students to enhance their management abilities while addressing the dynamics of today's changing aviation technology environment. Students will be endowed with sound principles of aviation management, global operations, safety management systems, and security. Graduates of this program will have the required knowledge and skills to become a successful aviation/aerospace professional.

Research Courses (9 - 12 credits):

- ECT 698 - Research Methods 3 credits
- TMGT 607 - Statistics for Experimental Research in Technology 3 credits

Choose one of the following:

- AVT 697 - Major Project 3 credits
- AVT 699 - Master Thesis 6 credits

Aviation Core (12 credits):

- AVT 592 - Business Principles of Global Aviation 3 credits
- AVT 577 - Intermodal Transportation and Logistics 3 credits
- AVT 641 - Advanced Human Factors 3 credits
- 500 level or above AVT elective 3 credits

Choose one of the following concentrations (9 credits):**Education Concentration:**

- CIMT 543 - Production of Instructional Material 3 credits
- CIMT 660 - Curriculum Fundamentals 3 credits
- CIMT/ELAF 500/600 level elective 3 credits

Homeland Security Concentration:

- AVT 511 - Advanced Aviation Security 3 credits
- AVT 642 - Emergency Planning and Crisis Leadership 3 credits
- CRIM 608 - Seminar in Law and Criminal Justice Administration 3 credits

Safety Concentration:

- AVT 531 - Aviation Safety Management Systems 3 credits
- HLTH 610 - Safety Inspection, Assessment and Control 3 credits
- HLTH 629 - Field Research Project in Health or Safety 3 credits

A student may select three 500/600 level in an area to create a concentration that supports their professional objectives. These courses must be pre-approved by the student's academic advisor.
Preferred effective term: Fall 2011

UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: History**HIST 320 – The African Diaspora**

3 credits

An institution that existed in much of the world until very recently, slavery has had a profound impact on the transfer of ideas and culture around the world. By examining the history of slavery in Europe, Asia, America, and Africa, this course helps students understand the remarkable diversity of the world's culture and how cultural ideas are transferred and transformed through such events as slavery.

Foundational Studies Credit: [FS 2010: Integrative Upper-Division Electives]

Change title to:

HIST 320 – Comparative Slavery

3 credits

An institution that existed in much of the world until very recently, slavery has had a profound impact on the transfer of ideas and culture around the world. By examining the history of slavery

in Europe, Asia, America, and Africa, this course helps students understand the remarkable diversity of the world's culture and how cultural ideas are transferred and transformed through such events as slavery.

Foundational Studies Credit: [FS 2010: Integrative Upper-Division Electives]

Preferred effective term: Fall 2010

COURSE REVISIONS **FOUNDATIONAL STUDIES CREDIT**

COLLEGE OF ARTS AND SCIENCES: Music

MUS 350 - Music History I

2 credits

Music of western civilization from the Greeks through J.S. Bach.

Prerequisites: MUS 151, 211, and 213, or consent of instructor.

Note: this course in conjunction with Music 351, serves as the General Education Capstone requirement for music majors. Three class hours a week.

General Education Credit: [GE2000: Capstone Course]

Capstone Course: Capstone Course

Change credits, remove note, remove capstone, and change General Education Credit to Foundational Studies Credit:

MUS 350 - Music History I

3 credits

Music of western civilization from the Greeks through J.S. Bach.

Prerequisites: MUS 151, 211, and 213, or consent of instructor.

Foundational Studies Credit: [FS 2010: Integrative Upper-Division Elective]

A-F Grading

Preferred effective term: Fall 2010

MUS 351 - Music History II

2 credits

Music from J.S. Bach to the present. Music 350, in conjunction with Music 351, serves as the General Education Capstone requirement for music majors.

Prerequisites: MUS 212, 214, and 350, or consent of instructor.

Note: Three class hours a week.

Foundational Studies Credit: [FS 2010: Historical Studies]

Capstone Course: Capstone Course

Change credits, description, remove capstone, and note to:

MUS 351 - Music History II

3 credits

Music from J.S. Bach to the present.

Prerequisites: MUS 212, 214, and 350, or consent of instructor.

Foundational Studies Credit: [FS 2010: Historical Studies]

A-F Grading

Preferred effective term: Fall 2010

PROGRAM ELIMINATIONS

COLLEGE OF ARTS AND SCIENCES: Music

Music Major with Concentration in Music History and Literature
CIP Code: 500901 Major Code: 3333

Brief Summary:

This is a low enrollment concentration was recommended for elimination by the Prioritization Taskforce in 2006. Also the curriculum is incompatible with our accrediting agency (National Association of Schools of Music) guidelines that stipulate the bachelor of arts in Music is to have only 30-45% music courses.

Preferred effective term: Fall 2010

COLLEGE OF ARTS AND SCIENCES: Music

Bachelor of Arts in Music with concentration in Music Theory
CIP Code: 500901 Major Code: 3334

The Department of Music wishes to eliminate this degree, as it is a low enrollment concentration that currently fall under the wrong degree rubric. Our accrediting agency (National Association of Schools of Music) does not allow any bachelor of arts in music to have the large percentage of music courses when there are other music degree titles available, and we do have both the bachelor of music and the bachelor of music education degrees here. The bachelor of arts in music is to have only 30-45% music courses.

Preferred effective term: Fall 2010

GRADUATE APPROVALS

NEW COURSES

COLLEGE OF TECHNOLOGY: Electronics, Computer, and Mechanical Engineering Technology

AET 577 - Advanced Vehicle Technologies

3 credits

This course focuses on electric, hybrid, and fuel cell technologies. Topics include Electric Hybrid Fuel engine and chassis designs; motor-based propulsion; energy storage systems and fuel cell technology. Students must complete a research report as part of the course requirement.

Prerequisites: consent of the instructor.

Preferred effective term: Fall 2010

PROGRAM REVISIONS

COLLEGE OF ARTS AND SCIENCES: Music

M.A./M.S. Music with Concentrations in Music Comparative Studies, Choral or Wind Conducting, Keyboard, Voice, Woodwinds, Brass, Strings, or Percussion Performance, and Music Education

CIP Code: 500903 Major Code: 3364

Brief Summary:

These clarifications are being requested by the Music Department to make the program easier for students to understand. The title change to the program is to standardize the title of the program with the names given to the concentrations. They were previously published as two different things. No courses are being changed. The title of one course is being corrected by an accompanying F9 form. The remaining changes either standardize the headings, inform students of how many credits of variable credit courses to take, or how many semesters the students should enroll in courses.

Proposed Catalog Copy:

Music with Concentrations in Music Comparative Studies; Conducting; Music Performance; and Music Education (34 credits)

CIP Code: 500903 Major Code: _____

Research (3 credits):

MUS 609 - Research in Music 3 credits

Core (10 credits):

MUS 611 - Oral Comprehensive Exam 0 credits

MUS 676(A-G; I-U; W-Z) - Individual Performance Study 1-3 credits*

*Note: must be taken on the student's individual instrument/voice for 2 semesters at 1 credit.

Choose one of the following (2 credits)*:

MUS 588 - Jazz Ensemble 0-1 credits

MUS 517 - Masterworks Chorale 0-1 credits

MUS 519 - Concert Choir 0-1 credits

MUS 559 - University Symphony 0-1 credits

MUS 553A - Opera Workshop 0-1 credits

MUS 553B - Brass Ensembles 0-1 credits

MUS 553J - Jazz Combo 0-1 credits

MUS 553K - The Piano in Ensemble 0-1 credits

MUS 553M - Chamber Singers 0-1 credits

MUS 553P - Percussion Ensemble 0-1 credits

MUS 553Q - Steel Drum Ensemble 0-1 credits

MUS 553S - String Ensemble 0-1 credits

MUS 553T - Music Theater Performance 0-1 credits

MUS 553W - Woodwind Ensemble 0-1 credits

MUS 569S - Symphonic Band 0-1 credits

MUS 569W - Wind Orchestra 0-1 credits

*Note: Courses must be taken in different semesters.

Choose one of the following (3 credits):

MUS 545 - Analytical Techniques of Tonal Music 3 credits

MUS 546 - Contemporary Styles and Techniques 3 credits

MUS 549 - Pedagogy of Theory 3 credits

Choose one of the following (3 credits):

MUS 552 - Music in the Middle Ages and Renaissance 3 credits

MUS 554 - Music in the Baroque and Classical Eras 3 credits

MUS 556 - Music in the Romantic and Contemporary Eras 3 credits

Students must complete one of the following concentrations:

Conducting Concentration (21 credits):

Choose one of the following (3 credits):

MUS 604 - History and Philosophy of Music Education 3 credits

MUS 625 - Music Teaching and Learning 3 credits

Choral:

MUS 511 - Vocal Techniques 1 credits

MUS 664 - Advanced Choral Conducting 2 credits

MUS 676(A-G; I-U; W-Z) - Individual Performance Study 1-3 credits

9 credits of MUS 676Z are required.

Choose one of the following:

MUS 557 - Choral Literature and Materials (Small Forms) 2 credits

MUS 610 - Choral Literature and Materials (Large Forms) 3 credits

Electives:

1 credit if MUS 610 is taken.

2 credits if MUS 557 is taken.

OR

Wind:

MUS 560 - Arranging for Band 2 credits

MUS 620 - Wind Band Literature 3 credits

MUS 676(A-G; I-U; W-Z) - Individual Performance Study 1-3 credits

11 credits of MUS 676W are required.

Culminating Experience:

MUS 679 - Recital 1-3 credits

Only 2 credits required.

Music Comparative Studies Concentration (21 credits):

MUS 699 - Master's Thesis 6 credits
MUS 612 - Comparative Studies Methods 3 credits
MUS 613 - Topics in Comparative Studies 3 credits

Choose one of the following (if not taken in core):

MUS 545 - Analytical Techniques of Tonal Music 3 credits
MUS 546 - Contemporary Styles and Techniques 3 credits
MUS 549 - Pedagogy of Theory 3 credits
MUS 552 - Music in the Middle Ages and Renaissance 3 credits
MUS 554 - Music in the Baroque and Classical Eras 3 credits
MUS 556 - Music in the Romantic and Contemporary Eras 3 credits

Non Music elective:

6 credits

Culminating experience:

MUS 699 - Master's Thesis 6 credits

Music Education Concentration (21 credits):

MUS 604 - History and Philosophy of Music Education 3 credits
MUS 625 - Music Teaching and Learning 3 credits

Wind, Percussion, or String (choose 6 credits of the following):

MUS 528 - String Literature and Pedagogy 2 credits
MUS 529 - Woodwind Literature and Pedagogy 2 credits
MUS 530 - Brass Literature and Pedagogy 2 credits
MUS 536 - Percussion Literature and Pedagogy 2 credits
MUS 620 - Wind Band Literature 3 credits
MUS 676 (A-G; I-U; W-Z) - Individual Performance Study 1-3 credits
(performance course of their specialty-4 additional credits must be taken over two semesters.)

or 676W-2 credits

or

Vocal (choose 6 credits of the following):

MUS 511 - Vocal Techniques 1 credits
MUS 535 - Vocal Literature for the Solo Voice 3 credits
MUS 557 - Choral Literature and Materials (Small Forms) 2 credits
MUS 610 - Choral Literature and Materials (Large Forms) 3 credits
MUS 664 - Advanced Choral Conducting 2 credits
MUS 676(A-G; I-U; W-Z) - Individual Performance Study 1-3 credits
(676T-4 additional credits)

or

Piano (choose 6 credits of the following):

MUS 504 - Piano Pedagogy I 3 credits

MUS 505 - Piano Pedagogy II 3 credits

MUS 506 - Piano Literature 3 credits

MUS 507 - Piano Teaching Materials 2 credits

MUS 676(A-G; I-U; W-Z) - Individual Performance Study 1-3 credits
(676R-4 additional credits)

Electives:

6 credits if MUS 697 is taken.

3 credits if MUS 699 is taken.

Culminating experience (choose one of the following):

MUS 697 - Music Education Practicum 3 credits

MUS 699 - Master's Thesis 6 credits

Music Performance Concentration (21 credits):

MUS 676(A-G; I-U; W-Z) - Individual Performance Study 1-3 credits
10 additional credits in the performance course of the student's specialty.

Wind, Percussion, or String (choose one of the following):

MUS 528 - String Literature and Pedagogy 2 credits

MUS 529 - Woodwind Literature and Pedagogy 2 credits

MUS 530 - Brass Literature and Pedagogy 2 credits

MUS 536 - Percussion Literature and Pedagogy 2 credits

Electives:

4 credits.

Choose one of the following:

MUS 545 - Analytical Techniques of Tonal Music 3 credits

MUS 546 - Contemporary Styles and Techniques 3 credits

MUS 549 - Pedagogy of Theory 3 credits

MUS 552 - Music in the Middle Ages and Renaissance 3 credits

MUS 554 - Music in the Baroque and Classical Eras 3 credits

MUS 556 - Music in the Romantic and Contemporary Eras 3 credits
(if not taken in core)

or

Voice:

MUS 511 - Vocal Techniques 1 credits

Choose one of the following:

MUS 535 - Vocal Literature for the Solo Voice 3 credits

MUS 558 - Survey of Opera 3 credits

Electives:

5 credits.

OR

Piano:

MUS 506 - Piano Literature 3 credits

Choose one of the following:

MUS 504 - Piano Pedagogy I 3 credits

MUS 505 - Piano Pedagogy II 3 credits

Electives

3 credits.

Culminating experience:

MUS 679 - Recital 1-3 credits

Only 2 credits required.

Preferred effective term: Fall 2010

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

Doctor of Physical Therapy (102 credits)

CIP Code: 512308 Major Code: _____

Brief Summary:

The Department of Athletic Training wishes to replace the course PASS 621 for PASS 635 in the list of required courses.

Proposed Catalog Copy:

Doctor of Physical Therapy (102 credits)

CIP Code: 512308 Major Code: _____

The purpose of the doctorate in physical therapy (DPT) is to provide competent health care providers who are skillfully able to effectively examine, evaluate, diagnose, and provide appropriate interventions for clients with primary, secondary, and tertiary physical impairments, functional limitations, and disabilities across the lifespan. The physical therapist has in-depth knowledge of cardiopulmonary, musculoskeletal, and neuromuscular disorders. The physical therapist functions as point-of-entry providers of physical rehabilitation and rehabilitation services. Students are accepted into a full-time cohort model once a year starting with the first summer term. Students enroll in courses in the pre-determined sequence as outlined in the program of study. The DPT program will require 102 post baccalaureate graduate credit hours. There are a total of 29 credit hours of clinical, which excludes the hours for advanced human anatomy taken during the first summer term. Some of the clinical hours are practice hours with

simulations and volunteers, while the core of the clinical hours are spent with physical therapy preceptors providing supervised client care. The didactic and theory credit hours equates to 73 credit hours. The program does include credit hours for a culminating scholarly project.

Applicants must meet the admission requirements for the College of Graduate and Professional Studies. Admission into the physical therapy program will also require the following:

- A Bachelor’s degree from a 4 year accredited university in a discipline other than Physical Therapy with a minimum cumulative 3.0 and science GPA of 3.0 recommended and the degree must be earned before enrolling in the DPT program.
- GRE exam is required of all applicants. Official score reports must be sent directly from the Educational Testing Service (ETS) — www.gre.org.
- Recommendation Forms from the following: A licensed physical therapist, an academic source, community service experience
- Resume should include a comprehensive outline of your student, volunteer, and professional work experiences and all honors and awards.
- Essay describing personal career objectives.
- Personal Interview with members of the Physical Therapy admissions committee may be required.
- Physical Therapy Experience is required. You must complete a minimum of 40 hours of volunteer or paid work under the supervision of a licensed physical therapist.

Prerequisite course work is also required if the student’s undergraduate degree did not include the identified foundational courses. A listing of these courses is available on the program website. Academic Advisors are also available at Indiana State University to consult about undergraduate prerequisites. Official transcript evaluation will not be conducted until a student has applied to the program.

Required Courses:

PHTH 600	2 credits
PHTH 601	8 credits
PHTH 602	3 credits
PHTH 604	3 credits
PHTH 605	3 credits
PHTH 610	5 credits
PHTH 620	3 credits
PHTH 621	3 credits
PHTH 622	3 credits
PHTH 700	3 credits
PHTH 701	3 credits
PHTH 706	3 credits
PHTH 710	5 credits
PHTH 712	3 credits
PHTH 720	3 credits
PHTH 721	3 credits
PHTH 723	3 credits
PHTH 724	3 credits
PHTH 725	3 credits

PHTH 800	3 credits
PHTH 801	3 credits
PHTH 810	8 credits
PHTH 841	3 credits
PHTH 891	3 credits
BIO 633	3 credits
PE 685	3 credits
HLTH 617	3 credits
PE 680	3 credits
PASS 635	2 credits
ATTR 625	3 credits

Preferred effective term: Summer I 2011