



Academic Notes

September 22, 2008

AN 2008-2009

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR FALL 2008**

Below is the circulation schedule for the electronic copy of *Academic Notes* through December 22, 2008. **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://www1.indstate.edu/academicaffairs/academic_notes.htm**

THESES, DISSERTATIONS, AND RESEARCH PROJECTS

Anongnad Naumnoi will defend her dissertation entitled *The Study of Relationships Between Perceptions of English Communicative Proficiency of International Students and College Satisfaction*, on Wednesday October 1, 2008 at 1:00 p.m. in the College of Education, room 1014. Members of her committee are: Dr. Susan Kiger, Chairperson; Dr. Leslie Barratt, Co-Chairperson; and Dr. Scott Davis.

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR FALL 2008**

<u>Deadline for Items</u>	<u>Issue Date</u>
September 24	September 29
October 1	October 6
October 8	October 13
October 15	October 20
October 22	October 27
October 29	November 3
November 5	November 10
November 12	November 17
November 19	November 24
November 26	December 1
December 3	December 8
December 10	December 15
December 17	December 22

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, decreasing the number of printed catalogs

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

CURRICULUM

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UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Geography, Geology, and Anthropology

GEOL 418- Soil Genesis and Classification

3 hours

An analysis of how soils are formed through interactions of climate, vegetation/biotic features, parent material, and slope over time. Classification and distribution of soils are emphasized.

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

Cross-listed: Also listed as Geography 418.

Remove cross-listing to:

GEOL 418- Soil Genesis and Classification

3 credits

An analysis of how soils are formed through interactions of climate, vegetation/biotic features, parent material, and slope over time. Classification and distribution of soils are emphasized.

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

Preferred effective term: Spring 2009

GEOL 454- Introduction to Hydrology

3 hours

Study of surface water systems, hydrologic budgets, and hydro-climatology. Emphasis is on techniques and methods used in the collection of hydrologic data. A two-hour lecture and a two-hour laboratory weekly.

Prerequisites: 111 or 160, Mathematics 115, Physics 105, or consent of instructor.

Note: Field trip and term paper required.

Change prerequisites to:

GEOL 454- Introduction to Hydrology

3 credits

Study of surface water systems, hydrologic budgets, and hydro-climatology. Emphasis is on techniques and methods used in the collection of hydrologic data. A two-hour lecture and a two-hour laboratory weekly. Field trip and term paper required.

Prerequisite: GEOL 160 or 170; MATH 111 and 112 or 115.

Note: Field trip and term paper required.

Preferred effective term: Spring 2009

GEOL 455 - Groundwater Hydrology

3 hours

Structure, exploration, availability, and fluid-flow aspects of groundwater. Emphasis is on techniques and methods used in groundwater resource evaluation.

Prerequisite: 454 or consent of instructor.

Change prerequisite to:

GEOL 455-Groundwater Hydrology

3 credits

Structure, exploration, availability, and fluid-flow aspects of groundwater. Emphasis is on techniques and methods used in groundwater resource evaluation.

Prerequisite: MATH 132.

Preferred effective term: Spring 2009

GEOL 465 - Fundamentals of Tree-Ring Research

3 hours

Fundamentals of the field of dendrochronology, including its applications to archaeology, climatology, fire history, and insect outbreaks.

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

Cross-listed: Also listed as Anthropology 465, Ecology 465, and Geography 465.

Remove cross-listing with GEOG 465 to:

GEOL 465 - Fundamentals of Tree-Ring Research

3 credits

Fundamentals of the field of dendrochronology, including its applications to archaeology, climatology, fire history, and insect outbreaks.

Cross-listed: Also listed as ANTH 465 and BIO 465.

Preferred effective term: Spring 2009

GEOL 481 Geochemistry

3 credits

Fundamentals of high-temperature and low-temperature geochemistry. Prerequisites: one year of college chemistry and 380.

Change description and prerequisites to:

GEOL 481 Geochemistry

3 credits

Fundamental interactions between geology and chemistry in natural systems, including both high-temperature and low-temperature geochemistry.

Prerequisites: GEOL 380 and CHEM 106/106L.

Preferred effective term: Spring 2009

GEOL 483 - Economic Geology

3 hours

Composition, structure, occurrence, and origin of the more important economic deposits, including metallics, nonmetallics, and mineral fuel. Field trip required.

Prerequisite: 380 or equivalent.

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

Change title and prerequisites to:

GEOL 483 Mineral Resources

3 credits

Composition, structure, occurrence, and origin of the more important economic deposits, including metallics, nonmetallics, and mineral fuel. Field trip required.

Prerequisite: GEOL 380 and 382.

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

Preferred effective term: Spring 2009

GEOL 488 - Computer Methods in Geology

3 hours

The use of computers and computing methods in geology with particular emphasis on the integration of computers in the process of solving geologic and environmental problems.

Prerequisites: 160 or 170; 270 or consent of instructor.

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

Change title, description, and prerequisites to:

GEOL 488 Geoscience Research Methods

3 credits

The use of computers as tools to evaluate and present geologic data, with particular emphasis on using real data to investigate geologic and environmental problems.

Prerequisites: GEOL 160 or 170 and 270.

Preferred effective term: Spring 2009

GEOL 497 - Seminar in Advanced Geology

1-3 credits

Department seminar investigating a selected field of advanced geology announced prior to registration.

Prerequisite: 9 semester hours of geology or consent of instructor.

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

Change credits and add repeatable to:

GEOL 497 - Seminar in Advanced Geology

1-9 credits

Department seminar investigating a selected field of advanced geology announced prior to registration.

Prerequisite: Nine credits of geology or consent of instructor.

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

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

Preferred effective term: Spring 2009

COLLEGE OF ARTS AND SCIENCES: Music

MUS 269W-*469W - Symphonic Wind Ensemble

0-1 credits

Study and performance of appropriate literature.

Prerequisites: Audition and consent of instructor.

Note Open to all wind or percussion instrument players. Three class hours a week. Music majors must participate in ensembles at least seven semesters of their baccalaureate program. Students who participate in ensembles must register for zero or one credit. Freshman music majors and declared music minors, until they have accumulated a minimum of 12 semester hours of university credit, may enroll and participate in a maximum of two ensembles only. All ensembles are included in this maximum. Exceptions must have final approval of the chairperson of the Department of Music. Each transfer student must complete a minimum of two credit hours of ensemble participation at Indiana State University before graduation. All music students should refer to the curricular patterns for information concerning ensemble requirements. *Open to graduate students. Graduate students are required to do additional work of a research nature.

Change title and add repeatable to:

MUS 269W-*469W – Wind Orchestra

0-1 credits

Study and performance of standard concert literature.

Prerequisites: Audition and consent of instructor.

Note: Open to all wind or percussion instrument players. Three class hours a week. Music majors must participate in ensembles at least seven semesters of their baccalaureate program. Students who participate in ensembles must register for zero or one credit. Freshman music majors and declared music minors, until they have accumulated a minimum of 12 semester hours of university credit, may enroll and participate in a maximum of two ensembles only. All ensembles are included in this maximum. Exceptions must have final approval of the chairperson of the Department of Music. Each transfer student must complete a minimum of two credit hours of ensemble participation at Indiana State University before graduation. All music students should refer to the curricular patterns for information concerning ensemble requirements. *Open to graduate students. Graduate students are required to do additional work of a research nature.

Repeatable: May be repeated a maximum of 998.99 credits.

Preferred effective term: Fall 2008

MUS 428 - String Literature and Materials

2 hours

String music and materials for private instruction, auditions, and recitals, emphasizing stylistic elements.

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

Change title and description to:

MUS 428 - String Literature and Pedagogy

2 credits

A survey of solo and ensemble literature for string instruments, emphasizing performance problems and pedagogical uses.

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

Preferred effective term: Fall 2008

MUS 429 - Woodwind Literature and Materials

2 credits

A survey of solo and ensemble literature for woodwind instruments, emphasizing performance problems and pedagogical uses.

Change title to:

MUS 429 Woodwind Literature and Pedagogy

2 credits

A survey of solo and ensemble literature for woodwind instruments, emphasizing performance problems and pedagogical uses.

Preferred effective term: Fall 2008

MUS 430 - Brass Literature and Materials

2 hours

A survey of solo and ensemble literature for brass instruments, emphasizing performance problems and pedagogical uses.

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

Change title to:

MUS 430 - Brass Literature and Pedagogy

2 credits

A survey of solo and ensemble literature for brass instruments, emphasizing performance problems and pedagogical uses.

Preferred effective term: Fall 2008

MUS 445 - Form and Analysis

3 hours

A formal analysis of the structures of music from the baroque to the present.

Prerequisites: 212 and 214, or consent of instructor.

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

Change title and description to:

MUS 445 - Analytical Techniques of Tonal Music

3 credits

Detailed analyses of stylistic characteristics and compositional techniques found in works composed in the Baroque, Classical, and Romantic eras. A variety of analytical approaches will be employed, based on their suitability to particular works.

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

Preferred effective term: Fall 2008

MUS 446 - Twentieth-Century Analytical Techniques

3 credits

An introduction to the analysis of music of the twentieth century, with an emphasis on procedures propounded by Forte, Hindemith, Meyer, Perle, and Schenker, among others.

Prerequisite/Co-requisite: 212 and 214, or consent of instructor.

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

Change title and description to:

MUS 446 Contemporary Styles and Techniques

3 credits

Detailed analyses of stylistic characteristics and compositional techniques found in music composed from 1900 to present.

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

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

Preferred effective term: Fall 2008

MUS 449 Pedagogy of Theory

1-3 hours

Consideration of instructional materials and teaching procedures, with emphases on three separate levels of university theory training: introductory, early, and intermediate (1 hour credit for each emphasis).

Required classroom observation and supervised teaching.

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

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

Change credit hours and description to:

MUS 449 Pedagogy of Theory

3 credits

A survey of the pedagogical aspects of teaching music theory and aural skills. The focus will be on current approaches and implementation of materials suitable for the study of theory, harmony, and aural skills.

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

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

MUS 456 - Music in the Twentieth Century

3 hours

Contemporary musical trends; works representative of significant composers and schools.

Prerequisite: 351 or consent of instructor.

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

Change title and description to:

MUS 456 - Music in the Romantic and Contemporary Eras

3 credits

A survey of the musical literature during the nineteenth century to present; styles, ideas, forms, composers, and works.

Prerequisite: MUS 351 or consent of instructor.

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

Preferred effective term: Fall 2008

MUS 457 - Foundations of Choral Repertoire

2 hours

An historical overview of choral music for the elementary, middle school, and high school choral ensemble. Students will develop criteria for the selection and performance of choral literature and will create a logical basis for analysis, critique, and decision-making.

Prerequisite: 381 or consent of instructor.

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

Change title and description to:

MUS 457 - Choral Literature and Materials (Small Forms)

2 credits

An overview of choral music suitable for public/private (K - 12) school settings. Emphasis is placed on historical context and pedagogical issues related to the selection of appropriate literature based on age level and ability.

Prerequisite: 381 or consent of instructor.

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

Preferred effective term: Fall 2008

COURSE BANKING

COLLEGE OF ARTS AND SCIENCES: Music

MUS 403 – Workshop in Elementary Music

MUS 414 – Workshop in Junior High/Middle School Music

MUS 461 – Orchestration

Preferred effective term: Fall 2008

COURSE ELIMINATIONS

COLLEGE OF ARTS AND SCIENCES: Music

MUS 401 - Music Bibliography and Research

MUS 455 - Music in the Romantic Era

Preferred effective term: Fall 2008

GRADUATE APPROVALS

NEW COURSES

COLLEGE OF ARTS AND SCIENCES: Biology

BIO 587 – Bioinformatics

3 credits

Provides hands-on training in bioinformatics. Students acquire the theoretical knowledge and practical skill required to effectively utilize essential network-based bioinformatics programs and databases, typically accessed from standard laptop computers. Training includes experience with high performance parallel computing and an introduction to problem-solving in bioinformatics using the Perl programming language.

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

Note: [Also listed as CHEM 587.] Open to graduate students. Graduate students are required to do additional work of a research nature.

Preferred effective term: Fall 2008

COLLEGE OF ARTS AND SCIENCES: Chemistry

CHEM 587 – Bioinformatics

3 credits

Provides hands-on training in bioinformatics. Students acquire the theoretical knowledge and practical skill required to effectively utilize essential network-based bioinformatics programs and databases, typically accessed from standard laptop computers. Training includes experience with high performance parallel computing and an introduction to problem-solving in bioinformatics using the Perl programming language.

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

Note: [Also listed as BIO 587.] Open to graduate students. Graduate students are required to do additional work of a research nature.

Preferred effective term: Fall 2008

COLLEGE OF ARTS AND SCIENCES: Music

MUS 611 - Oral Comprehensive Exam

0 credits

A comprehensive oral examination covering course materials.

Preferred effective term: Fall 2008

MUS 612 - Comparative Studies Methods

3 credits

An interdisciplinary investigation into music scholarship involving numerous methodologies appropriate to music theory and musicology.

Prerequisite: Satisfactory score on the Graduate Placement Examinations in Music Theory and Music History and Literature or successful completion of MUS 601 and/or MUS 602.

Preferred effective term: Fall 2008

MUS 613 - Topics in Comparative Studies

3 credits

Specific topics, titles, course outlines, and content will be arranged by the staff member involved; the specific course title will be listed whenever the course is scheduled.

Prerequisite: satisfactory score on the Graduate Placement Examination in Music Theory and Music History and Literature or successful completion of MUS 601 and/or 602.

Repeatable: May be repeated for a maximum of 3 credits.

Preferred effective term: Fall 2008

MUS 625 - Music Learning and Teaching

3 credits

The application of theories of music learning from early childhood through adult to the selection and sequencing of content in a variety of learning settings with an emphasis on curriculum and practice in music education.

Preferred effective term: Fall 2008

MUS 697 - Music Education Practicum

3 credits

A practical or applied research project in music education.

Preferred effective term: Fall 2008

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Geography, Geology, and Anthropology

GEOL 518 - Soil Genesis and Classification

3 credits

An analysis of how soils are formed through interactions of climate, vegetation/biotic features, parent material, and slope over time. Classification and distribution of soils are emphasized.

Cross-listed: (Also listed as Geography 518.)

Remove cross-listing to:

GEOL 518 - Soil Genesis and Classification

3 credits

An analysis of how soils are formed through interactions of climate, vegetation/biotic features, parent material, and slope over time. Classification and distribution of soils are emphasized.

Preferred effective term: Spring 2009

GEOL 554 - Introduction to Hydrology

3 credits

The study of surface water systems, hydrologic budgets, and hydro-climatology; emphasis on techniques and methods used in the collection of hydrologic data.

Prerequisites: 111 or 160, Mathematics 115, and Physics 105; or consent of instructor.

Change prerequisites to:

GEOL 554 - Introduction to Hydrology

3 credits

The study of surface water systems, hydrologic budgets, and hydro-climatology; emphasis is on techniques and methods used in the collection of hydrologic data.

Prerequisites: GEOL 160 or 170, MATH 111 and 112 or 115.

Preferred effective term: Spring 2009

GEOL 555 - Groundwater Hydrology

3 credits

The structure, exploration, availability, and fluid-flow aspects of groundwater. Emphasis is on techniques and methods used in groundwater resource evaluation.

Prerequisites: 170 or consent of instructor.

Change prerequisite to:

GEOL 555 - Groundwater Hydrology

3 credits

The structure, exploration, availability, and fluid-flow aspects of groundwater. Emphasis is on techniques and methods used in groundwater resource evaluation.

Prerequisite: MATH 132.

Preferred effective term: Spring 2009

GEOL 565 - Fundamentals of Tree-Ring Research

3 credits

Fundamentals of the field of dendrochronology including its applications to archaeology, climatology, fire history, and insect outbreaks.

Cross-listed :(Also listed as Anthropology 565, Geography 565, and Life Sciences 565.)

Change cross-listing to:

GEOL 565 - Fundamentals of Tree-Ring Research

3 credits

Fundamentals of the field of dendrochronology, including its applications to archaeology, climatology, fire history, and insect outbreaks. Also listed as ANTH 565 and BIO 565.

Preferred effective term: Spring 2009

GEOL 581 - Geochemistry

3 credits

Fundamentals of high-temperature and low-temperature geochemistry.

Prerequisites: one year of college chemistry and 380, or consent of instructor.

Change description and prerequisites to:

GEOL 581 - Geochemistry

3 credits

Fundamental interactions between geology and chemistry in natural systems, including both high-temperature and low-temperature geochemistry.

Prerequisites: GEOL 380 and CHEM 106/106L.

Preferred effective term: Spring 2009

GEOL 583 - Economic Geology

3 credits

The composition, structure, occurrence, and origin of the more important economic deposits, including metallics, nonmetallics, and mineral fuels.

Prerequisites: 441 or equivalent.

Note: Field trip required.

Change title and prerequisites to:

GEOL 583 - Mineral Resources

3 credits

Composition, structure, occurrence, and origin of the more important economic deposits, including metallics, nonmetallics, and mineral fuel.

Prerequisites: GEOL 380 and 382.

Note: Field trip required.

Preferred effective term: Spring 2009

GEOL 588 - Computer Methods in Geology

3 credits

The use of computers and computing methods in geology with particular emphasis on the integration of computers in the process of solving geologic and environmental problems.

Change title, description, and prerequisites to:

GEOL 588 Geoscience Research Methods

3 credits

The use of computers as tools to evaluate and present geologic data, with particular emphasis on using real data to investigate geologic and environmental problems.

Prerequisites: GEOL 160 or 170 and 270.

Preferred effective term: Spring 2009

GEOL 597 - Seminar in Advanced Geology

1-3 credits

Department seminar investigating a selected field of advanced geology (topic announced prior to registration).

Prerequisite: 9 semester hours of geology or consent of instructor.

Change credits and add repeatable to:

GEOL 597 - Seminar in Advanced Geology

1-9 credits

Department seminar investigating a selected field of advanced geology (topic announced prior to registration).

Prerequisite: 9 credits of geology or consent of instructor.

Repeatable: May be repeated for a maximum of 9 credits.

Preferred effective term: Spring 2009

GEOL 600 - Foundations in Geography-Geology

3-4 credits

Provides a broad basis for more advanced study in the areas of geography-geology. Specifically designed for students with minimal undergraduate preparation in these areas.

Change credits and add repeatable to:

GEOL 600 - Foundations in Geography/Geology

1-6 credits

Provides a broad basis for more advanced study in the areas of geography/geology. Specifically designed

for students with minimal undergraduate preparation in these areas.

Repeatable: May be repeated for a maximum of 6 credits.

Preferred effective term: Spring 2009

GEOL 601 - Astronomy and Meteorology for Teachers

3 credits

Primarily concerned with the solar system, the stars, and recent advances in astronomy. In the section on meteorology, weather will be analyzed in terms of air mass movements and location of fronts.

Change credits and add repeatable to:

GEOL 601 - Astronomy and Meteorology for Teachers

1-6 credits

Primary concern of the course is with the solar system, the stars, and recent advances in astronomy. In the section on meteorology, weather will be analyzed in terms of air mass movements and location of fronts.

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

Preferred effective term: Spring 2009

GEOL 602 - Geology for Teachers

3 credits

Composition and structure of the Earth, mountain building forces, forces of erosion, historical geology, and conservation of minerals.

Change credits and add repeatable to:

GEOL 602 - Geology for Teachers

1-6 credits

Composition and structure of the Earth, mountain building forces, forces of erosion, historical geology, and conservation of minerals are discussed.

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

Preferred effective term: Spring 2009

GEOL 661 - Advanced Research in Geology

1-6 credits

Advanced literature, laboratory, and field research of a selected geologic problem.

Note: Open only to students who have completed 12 hours of geology.

Change credits and add repeatable to:

GEOL 661 - Advanced Research in Geology

1-9 credits

Advanced literature, laboratory, and field research of a selected geologic problem. Open only to students who have completed 12 credits of geology.

Repeatable: May be repeated for a maximum of 9 credits.

Preferred effective term: Spring 2009

GEOL 664 - Regional Geology

3 credits

The stratigraphy and geologic structure of the United States in light of recent research. Concept of orogeny, validity of radioactive dating, occurrence of large wrench faults, and evidence for continental accretion and continental drift.

Change title, description, and add repeatable to:

GEOL 664 - Regional Topics in Geology

3 credits

Geologic aspects of different regions of the United States and the world in light of recent research.

Repeatable: May be repeated for a maximum of 6 credits.

Preferred effective term: Spring 2009

GEOL 666 Seminar in Early Earth History

3 hours

This research-based seminar will focus on the early evolution of the Earth. Topics include, but are not limited to, Archean evolution of the Earth, proterozoic tectonics, and the evolution of climate and life.

Change title, description, and add repeatable to:

GEOL 666 - Early Life on Earth

3 credits

This research-based seminar focuses on early evolution of the Earth and its life forms. Topics include, but are not limited to, Precambrian geology, fossil evidence of early life, and the characteristics and evolution of early life through the early Paleozoic.

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

Preferred effective term: Spring 2009

GEOL 668 - Remote Sensing: Research Seminar in Geologic Applications

3 credits

Research is conducted in remote sensing as applied to environmental geology, geomorphology, hydrology, oceanography, petroleum geology, and structural geology. Students also critically review recent articles in geologic applications of remote sensing.

Prerequisite: Consent of instructor.

Change title, description, and remove prerequisite to:

GEOL 668 - Quantitative Methods Seminar

3 credits

Applied research is conducted in environmental geology, hydrology, oceanography, petroleum geology, and geochemistry. Students will also critically review recent articles related to new technological developments in geology and learn how to collect and reduce data.

Preferred effective term: Spring 2009

GEOL 697 - Research Seminar in Geology

1 credits

An individual study and presentation of a particular topic in geology as decided upon by the student and the instructor.

Prerequisite: Consent of instructor.

Change credits, description, remove prerequisite, and add repeatable to:

GEOL 697 - Research Seminar in Geology

1-6 credits

This course is designed to enhance student skills in synthesizing and communicating geologic concepts. These skills are necessary to build successful careers in geology and are required throughout a career in geology.

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

Preferred effective term: Spring 2009

COLLEGE OF ARTS AND SCIENCES: Music

MUS 528 - String Literature and Materials

2 credits

String music and materials for private instruction, auditions, and recitals, emphasizing stylistic elements.

Change title and description to:

MUS 528 - String Literature and Pedagogy

2 credits

A survey of solo and ensemble literature for string instruments, emphasizing performance problems and pedagogical uses.

Preferred effective term: Fall 2008

MUS 529 - Woodwind Literature and Materials

2 credits

A survey of solo and ensemble literature for woodwind instruments, emphasizing performance problems and pedagogical uses.

Change title to:

MUS 529 Woodwind Literature and Pedagogy

2 credits

A survey of solo and ensemble literature for woodwind instruments, emphasizing performance problems and pedagogical uses.

Preferred effective term: Fall 2008

MUS 545 - Form and Analysis

3 credits

A formal analysis of the structures of music from the Baroque to the present.

Prerequisite: satisfactory score on the Graduate Placement Examination in Music Theory or successful completion of 601.

Change title and description to:

MUS 545 - Analytical Techniques of Tonal Music

3 credits

Detailed analyses of stylistic characteristics and compositional techniques found in works by composers from the Baroque, Classical, and Romantic eras. A variety of analytical approaches will be employed, based on their suitability to particular works.

Prerequisite: Satisfactory score on the Graduate Placement Examination in Music Theory or successful completion of MUS 601.

Preferred effective term: Fall 2008

MUS 546 - Twentieth-Century Analytical Techniques

3 credits

An introduction to the analysis of music of the twentieth century, with an emphasis on procedures propounded by Forte, Hindemith, Meyer, Perle, and Schenker, among others.

Prerequisite: Satisfactory score on the Graduate Placement Examination in Music Theory or successful completion of 601.

Change title and description to:

MUS 546 - Contemporary Styles and Techniques

3 credits

Detailed analyses of stylistic characteristics and compositional techniques found in music composed from 1900 to present.

Prerequisite: Satisfactory score on the Graduate Placement Examination in Music Theory or successful completion of MUS 601.

Preferred effective term: Fall 2008

MUS 549 - Pedagogy of Theory

1-3 credits

Consideration of instructional materials and teaching procedures, with emphases on three separate levels of university theory training: introductory, early, and intermediate (1 hour credit for each emphasis).

Prerequisite: Satisfactory score on the Graduate Placement Examination in Music Theory or successful completion of 601.

Note: Required classroom observation and supervised teaching.

Change credits and description to:

MUS 549 - Pedagogy of Theory

3 credits

A survey of the pedagogical aspects of teaching music theory and aural skills. The focus will be on current approaches and implementation of materials suitable for the study of theory, harmony, and aural skills.

Prerequisite: Satisfactory score on the Graduate Placement Examination in Music Theory or successful completion of MUS 601.

Preferred effective term: Fall 2008

MUS 556 - Music in the Twentieth Century

3 credits

Contemporary musical trends; works representative of significant composers and schools.

Prerequisite: satisfactory score on the Graduate Placement Examination in Music History and Literature or successful completion of 602.

Change title and description to:

MUS 556 - Music in the Romantic and Contemporary Eras

3 credits

A survey of the musical literature from the 19th Century to present; styles, ideas, forms, composers, and works.

Prerequisite: Satisfactory score on the Graduate Placement Examination in Music History and Literature or successful completion of MUS 602.

Preferred effective term: Fall 2008

MUS 557 - Foundations of Choral Repertoire

2 credits

An historical overview of choral music for the elementary, middle school, and high school choral ensemble. Students will develop criteria for the selection and performance of choral literature and will create a logical basis for analysis, critique, and decision making.

Change title and description to:

MUS 557 - Choral Literature and Materials (Small Forms)

2 credits

An overview of choral music suitable for public/private (K - 12) school settings. Emphasis is placed on historical context and pedagogical issues related to the selection of appropriate literature based on age level and ability.

Preferred effective term: Fall 2008

MUS 569W - Symphonic Wind Ensemble

0-1 credits

Study and performance of standard concert literature.

Prerequisites: audition and consent of instructor.

Note: Open to all wind or percussion instrument players. Three class hours a week.

Academic Notes

Change title and description, and repeatable to:

MUS 569W Wind Orchestra

0-1 credits

Study and performance of standard concert literature.

Prerequisites: audition and consent of instructor.

Note: Open to all wind or percussion instrument players. Three class hours a week.

Repeatable: May be repeated a maximum of 998.99 credits.

Preferred effective term: Fall 2008

MUS 600 - Probationary Study for Graduate Students

1-2 credits

Change title, credits, and description to:

MUS 600 Probationary Performance Study

1 credit

Probationary principal instrument study. Does not count toward degree.

Preferred effective term: Fall 2008

MUS 604 - Philosophies of Music Education

3 credits

Philosophical thought regarding the place of music in Western culture and education. Development of an historical perspective and a philosophy of aesthetics, and the practical application of these concepts to music education.

Change title to:

MUS 604 – History and Philosophy of Music Education

3 credits

Philosophical thought regarding the place of music in Western culture and education. Development of an historical perspective and a philosophy of aesthetics, and the practical application of these concepts to music education.

Preferred effective term: Fall 2008

MUS 610 - Choral Literature

3 credits

Masterworks from the Renaissance to the present.

Prerequisites: Satisfactory score on the Graduate Placement Examination in Music History and Literature or successful completion of 602.

Change title, description, and prerequisite to:

MUS 610 - Choral Literature and Materials (Large Forms)

3 credits

A survey of the Choral Masterworks from the Renaissance to the present, emphasizing score study and conducting issues.

Prerequisite: Satisfactory score on the Graduate Placement Exam in Music History and Literature.

Preferred effective term: Fall 2008

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

1-3 credits

Advanced vocal, instrumental, or vocal/wind conducting instruction for graduate music students or elective students.

Prerequisites: Prerequisite: audition prior to first enrollment.

Note: Repeatable for up to 4 hours of credit on all music degrees except performance, which carries an 8-

hour maximum.

Change description and repeatable to:

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

1-3 credits

Advanced vocal, instrumental, or vocal/wind conducting instruction for graduate music students or elective students.

Prerequisite: Audition prior to first enrollment.

Repeatable: Up to 6 hours of credit on all music degrees except performance, which carries a 12-credit maximum.

Preferred effective term: Fall 2008

COLLEGE OF ARTS AND SCIENCES: Psychology

PSY 665C - Treatment Planning and Intervention

3 credits

The third of a sequence of three courses on psychological treatment. This course covers conceptual foundations, knowledge for treatment planning, and intervention skills to treat clinical problems commonly in outpatient clinical settings.

Prerequisites: 665B and consent of instructor.

Note: Some clinical courses involving practical work are open only to students in clinical psychology.

Change description to:

PSY 665C - Treatment Planning and Intervention

3 credits

The third of a sequence of three courses on psychological treatment. This course covers conceptual foundations, knowledge for treatment planning, and intervention skills to treat clinical problems common in outpatient clinical settings.

Prerequisites: 665B and consent of instructor.

Note: Some clinical courses involving practical work are open only to students in clinical psychology.

Preferred effective term: Spring 2009

COURSE BANKING

COLLEGE OF ARTS AND SCIENCES: Music

MUS 503 – Workshop in Elementary Music

MUS 514 - Workshop in Junior High/Middle School Music

MUS 561 - Orchestration

MUS 607 - Psychology of Music

Preferred effective term: Fall 2008

COURSE ELIMINATIONS

COLLEGE OF ARTS AND SCIENCES: Music

MUS 501 - Music Bibliography and Research

MUS 544 - Style and Analysis

MUS 555 - Music in the Romantic Era

MUS 605 - Supervision of Music

MUS 636 – Choral Music Seminar

MUS 638 – The Music Curriculum
MUS 647 – Analysis and Score Realization
MUS 695 – General Music Courses in the Secondary School
Preferred effective term: Fall 2008