

Department Chair Meeting Minutes
College of Arts and Sciences
July 10, 2012

The meeting was called to order at 2:00 p.m. on Tuesday, July 10, 2012. Dr. Vagn K. Hansen, Dean of the College of Arts and Sciences, presided. Department Chairs present: Ms. Chiong-Yiao Chen, Dr. Paul Kittle, Dr. Brent Olive, Dr. Gregory Pitts, LTC Wayne Bergeron for Dr. Phil Bridgmon, Dr. Larry Adams, Dr. Robert Garfrerick, Dr. Craig Christy, Dr. Bill Strong, Dr. Christopher Maynard, Dr. David Muse, Dr. David McCullough, Dr. Brenda Webb, Dr. Richard Hudiburg, Dr. Joy Borah, and Dr. Craig Robertson. In the absence of Debbie Tubbs, Vagn Hansen took the minutes.

1. **Approval of Minutes from June 12, 2012.** The minutes were approved by consensus.
2. **Curriculum Change Proposals:** The following curriculum change proposals were approved and copies of the proposals are attached: MA 306, MA 425, FL 497, ES 308, SCED 480, SCED 580, EN 323, EN 443, MU 444, and MU 381.
3. **Outgoing Department Chairs.** Dr. Hansen announced that changes in leadership will occur in five departments, this year, and he expressed his appreciation to the following department chairs for their excellent services:

Dr. Phil Bridgmon: Dr. Bridgmon will become Dean of the College of Liberal Arts at Northeastern State University in Oklahoma. LTC Wayne Bergeron will serve as Interim Chair of the Department of Criminal Justice.

Dr. Craig Christy: Dr. Christy will begin a new position at UNA as Director of Global Academic Engagement. He will also continue to teach part-time in the Department of Foreign Languages. Dr. Claudia Vance will become Chair of the Department of Foreign Languages.

Dr. David Muse: Dr. Muse has made a decision to move from his department chair role to a fulltime faculty role. Dr. Cindy Stenger will serve as Interim Chair of the Department of Mathematics.

Dr. Craig Robertson: Dr. Robertson has begun work in a new position as Director of the Office of Professional and Interdisciplinary Studies. Dr. Jerri Bullard will become Interim Chair of the Department of Sociology.

Dr. Bill Strong: Dr. Strong has made a decision to move from his department chair role to a fulltime faculty role. Dr. Francis Koti will become Chair of the Department of Geography.

4. **Report from COAD:** Dr. Hansen noted several matters that have been discussed in recent COAD meetings, including:
- Information Technology Services – expect to have VOIP service throughout campus by October 1; expect to complete replacement of Gateway computers by end of calendar year.
 - Deans discussed of problems associated with purges of class rolls for nonpayment before each semester's registration day with Steve Smith and Donna Tipps. A group is looking at ways to minimize problems. Suggestions were offered by department chairs for changes such as better communication to students about due dates for payment. It was suggested that there be no purge for summer school. The possibilities for continuing online registration during breaks, especially for summer school, were also discussed.
 - Records retention was discussed in COAD. Alabama has a state law on records retention, but much of it is not clear. For the academic program, the length of time to retain student records is especially important. Development of a grade appeal policy with a specific deadline for appealing grades was mentioned.

5. **Other**

The meeting was adjourned at 3:30 p.m.

**Undergraduate Curriculum Committee
Curriculum Change Proposal Form**

College Name: College of Arts and Sciences

Department Name: Mathematics

Item(s) to be considered by the Undergraduate Curriculum Committee: (please check all spaces relevant to this proposed change)

- | | |
|---|---|
| <input type="checkbox"/> Proposed New Course(s)—attach one page syllabus | <input type="checkbox"/> Change in Course Description |
| <input type="checkbox"/> Addition Of/Change in Course Fee | <input type="checkbox"/> *New Major/Option/Concentration/Minor |
| <input type="checkbox"/> Cross Listing of Course | <input type="checkbox"/> Revised Major/Option/Concentration/Minor |
| <input type="checkbox"/> Inactivation of Course | <input type="checkbox"/> New/Revised Certificate Program |
| <input type="checkbox"/> Merger of Major/Option/Concentration/Minor | <input type="checkbox"/> Revised Admission Requirement |
| <input checked="" type="checkbox"/> Revised Course Number/Title/Credit/Prerequisite | <input type="checkbox"/> Editorial Change |
| <input type="checkbox"/> Other | |

Will this proposal result in the need for a Revised Faculty Roster Form? Yes ☐ No ☒

If yes, for whom: _____

Will the change require additions or deletions to the Major's Course List? Yes ☐ No ☒

List courses that will be added or deleted for EACH major affected by the curriculum change (see current Major's Courses List). Include major, course number, and title (e.g., "Add to Biology and Marine Biology – BI 498 Study of Pelagic Birds. _____

Brief Description and Rationale – (1) include catalog course prefix, proposed number, credit hours, title, description, prerequisite, if any; (2) include relevant information concerning UNA's mission and goals, student learning opportunities, impact on existing programs and financial implications (you must attach a copy of the current catalog page(s) with all suggested changes made using the *Guidelines and Style Manual*):

Revise the prerequisite for MA 306, Mathematics for the Elementary School Teacher:

Current prerequisite: None

Proposed prerequisite: ABI/FBI Background Clearance.

Rationale: Response to request from the College of Education

Proposed Banner Course Title (30 character maximum): _____

The proposed change(s) will be effective beginning: Fall semester 2013 year

If Addition of/Change in Course Fee, provide justification: _____

List the departments or programs on campus consulted on the issues of duplication, overlap, or impact on program: _____

Date Approved by Department Curriculum Committee

Chair's Signature

Date Approved by College Curriculum Committee**

Academic Dean's Signature**

*Proposals within this category require submission and approval by ACHE. Consult the VPAA Office for additional information.

**Courses that are not specific to an academic department/college must be submitted through the VPAA Office and approved by the Council of Academic Deans prior to submission to the Undergraduate Curriculum Committee.

3-6-12

tures, etc.); techniques for solving higher-order linear differential equations with constant coefficients (general theory, undetermined coefficients, reduction of order, and the method of variation of parameters), with emphasis on interpreting the behavior of the solutions, and applications to physical models whose governing equations are of higher order; the Laplace transform as a tool for the solution of initial-value problems whose inhomogeneous terms are discontinuous. Prerequisite: MA 126. Not open to students with credit in MA 355. (Offered on sufficient demand)

MA 306. (3) **Mathematics for the Elementary School Teacher.** The number system; the number line; sentences and statements; logic; sets; relations and functions; modern trends in mathematics education. Does not satisfy requirements for mathematics major, minor, or general studies component. (Fall, Spring)

MA 325. (3) **Introduction to Discrete Mathematics.** Elementary propositional logic, proof techniques (including induction and contradiction), sets, functions, algorithms, combinatorial counting techniques, Boolean algebra, and graph theory. Prerequisite: MA 115 or both MA 112 and 113. (Fall)

MA 345. (3) **Applied Statistics I.** A course in statistical methods with applications. Descriptive statistics, probability, statistical inference including one- and two-sample problems, Chi-Square applications, one-way analysis of variance, linear correlation and regression analysis, and nonparametric statistics. Prerequisite: MA 112 or equivalent. (Fall, Spring)

MA 355. (3) **Differential Equations.** A survey of techniques for solving differential equations in which the unknown function depends upon one independent variable; emphasis on analytical techniques, with extensive use of integration methods from calculus; solving higher-order linear differential equations both with constant and with variable coefficients; constructing mathematical models using first-order equations; using the Laplace transform for solving initial-value problems with constant coefficients, both with continuous and discontinuous driving functions. Prerequisite: MA 126. Not open to students with credit in MA 238. (Spring)

MA 356. (3) **Applied Differential Equations II.** A study of the techniques for solving ordinary differential equations by the use of infinite series; numerical methods of solutions; partial differential equations. Prerequisites: MA 227; 238 or 355. (Offered on sufficient demand)

MA 421. (3) **College Geometry.** Euclidean and non-Euclidean geometry including the topics of congruence, convexity, and plane and space separation. Prerequisites: MA 126 and MA 325. (Spring)

MA 425. (3) **Methods and Materials for Teaching Secondary Mathematics.** Practical aspects of teaching and learning mathematics at the secondary level. Topics covered include secondary mathematics curricula, preparation and presentation of lesson material, classroom management, and professional behaviors. Does not satisfy requirements for mathematics major, minor, or general studies component. Prerequisite: credit or concurrent enrollment in MA 421. (Fall)

MA 431. (3) **Advanced Linear Algebra I.** Systems of linear equations; matrices; determinants; vector spaces; linear transformations. Prerequisites: MA 126; CS 245 or MA 325. (Fall; Spring, odd-numbered years)

Prerequisite:
ABI/FBI
Background
Clearance.

**Undergraduate Curriculum Committee
Curriculum Change Proposal Form**

College Name: College of Arts and Sciences

Department Name: Mathematics

Item(s) to be considered by the Undergraduate Curriculum Committee: (please check all spaces relevant to this proposed change)

- | | |
|---|---|
| <input type="checkbox"/> Proposed New Course(s)—attach one page syllabus | <input type="checkbox"/> Change in Course Description |
| <input type="checkbox"/> Addition Of/Change in Course Fee | <input type="checkbox"/> *New Major/Option/Concentration/Minor |
| <input type="checkbox"/> Cross Listing of Course | <input type="checkbox"/> Revised Major/Option/Concentration/Minor |
| <input type="checkbox"/> Inactivation of Course | <input type="checkbox"/> New/Revised Certificate Program |
| <input type="checkbox"/> Merger of Major/Option/Concentration/Minor | <input type="checkbox"/> Revised Admission Requirement |
| <input checked="" type="checkbox"/> Revised Course Number/Title/Credit/Prerequisite | <input type="checkbox"/> Editorial Change |
| <input type="checkbox"/> Other | |

Will this proposal result in the need for a Revised Faculty Roster Form? Yes ☐ No ☒

If yes, for whom: _____

Will the change require additions or deletions to the Major's Course List? Yes ☐ No ☒

List courses that will be added or deleted for EACH major affected by the curriculum change (see current Major's Courses List). Include major, course number, and title (e.g., "Add to Biology and Marine Biology – BI 498 Study of Pelagic Birds. _____

Brief Description and Rationale – (1) include catalog course prefix, proposed number, credit hours, title, description, prerequisite, if any; (2) include relevant information concerning UNA's mission and goals, student learning opportunities, impact on existing programs and financial implications (you must attach a copy of the current catalog page(s) with all suggested changes made using the *Guidelines and Style Manual*):

Revise the prerequisite for MA 425, Methods and Materials for Teaching Secondary Mathematics:

Current prerequisite: credit or concurrent enrollment in MA 421

Proposed prerequisite: credit or concurrent enrollment in MA 421, ABI/FBI Background Clearance.

Rationale: Response to request from the College of Education

Proposed Banner Course Title (30 character maximum): _____

The proposed change(s) will be effective beginning: Fall semester 2013 year

If Addition of/Change in Course Fee, provide justification: _____

List the departments or programs on campus consulted on the issues of duplication, overlap, or impact on program: _____

Date Approved by Department Curriculum Committee

Chair's Signature

Date Approved by College Curriculum Committee**

Academic Dean's Signature**

*Proposals within this category require submission and approval by ACHE. Consult the VPAA Office for additional information.

**Courses that are not specific to an academic department/college must be submitted through the VPAA Office and approved by the Council of Academic Deans prior to submission to the Undergraduate Curriculum Committee.

tures, etc.); techniques for solving higher-order linear differential equations with constant coefficients (general theory, undetermined coefficients, reduction of order, and the method of variation of parameters), with emphasis on interpreting the behavior of the solutions, and applications to physical models whose governing equations are of higher order; the Laplace transform as a tool for the solution of initial-value problems whose inhomogeneous terms are discontinuous. Prerequisite: MA 126. Not open to students with credit in MA 355. (Offered on sufficient demand)

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MA 345. (3) **Applied Statistics I.** A course in statistical methods with applications. Descriptive statistics, probability, statistical inference including one- and two-sample problems, Chi-Square applications, one-way analysis of variance, linear correlation and regression analysis, and nonparametric statistics. Prerequisite: MA 112 or equivalent. (Fall, Spring)

MA 355. (3) **Differential Equations.** A survey of techniques for solving differential equations in which the unknown function depends upon one independent variable; emphasis on analytical techniques, with extensive use of integration methods from calculus; solving higher-order linear differential equations both with constant and with variable coefficients; constructing mathematical models using first-order equations; using the Laplace transform for solving initial-value problems with constant coefficients, both with continuous and discontinuous driving functions. Prerequisite: MA 126. Not open to students with credit in MA 238. (Spring)

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MA 425. (3) **Methods and Materials for Teaching Secondary Mathematics.** Practical aspects of teaching and learning mathematics at the secondary level. Topics covered include secondary mathematics curricula, preparation and presentation of lesson material, classroom management, and professional behaviors. Does not satisfy requirements for mathematics major, minor, or general studies component. Prerequisite: credit or concurrent enrollment in MA 421. (Fall)

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, ABI/FBI
Background
Clearance

**Undergraduate Curriculum Committee
Curriculum Change Proposal Form**

College Name: Arts & Sciences **Department Name:** Foreign Languages

Item(s) to be considered by the Undergraduate Curriculum Committee: (please check all spaces relevant to this proposed change)

- | | |
|--|---|
| <input type="checkbox"/> Proposed New Course(s)—attach one page syllabus | <input type="checkbox"/> Change in Course Description |
| <input type="checkbox"/> Addition Of/Change in Course Fee | <input type="checkbox"/> *New Major/Option/Concentration/Minor |
| <input type="checkbox"/> Cross Listing of Course | <input type="checkbox"/> Revised Major/Option/Concentration/Minor |
| <input type="checkbox"/> Inactivation of Course | <input type="checkbox"/> New/Revised Certificate Program |
| <input type="checkbox"/> Merger of Major/Option/Concentration/Minor | <input type="checkbox"/> Revised Admission Requirement |
| <input type="checkbox"/> Revised Course Number/Title/Credit/Prerequisite | <input type="checkbox"/> Editorial Change |
| <input checked="" type="checkbox"/> Other | |

Will this proposal result in the need for a Revised Faculty Roster Form? Yes ☐ No ☒

If yes, for whom: _____

Will the change require additions or deletions to the Major's Course List? Yes ☐ No ☒

List courses that will be added or deleted for EACH major affected by the curriculum change (see current Major's Courses List). Include major, course number, and title (e.g., "Add to Biology and Marine Biology – BI 498 Study of Pelagic Birds. _____

Brief Description and Rationale – (1) include catalog course prefix, proposed number, credit hours, title, description, prerequisite, if any; (2) include relevant information concerning UNA's mission and goals, student learning opportunities, impact on existing programs and financial implications (you must attach a copy of the current catalog page(s) with all suggested changes made using the *Guidelines and Style Manual*):

Adding ABI/FBI Background clearance as a prerequisite to FL 497 Methods in Foreign Language Instruction, required of all students seeking Education certification.

Proposed Banner Course Title (30 character maximum): _____

The proposed change(s) will be effective beginning: Spring semester 2013 year

If Addition of/Change in Course Fee, provide justification: _____

List the departments or programs on campus consulted on the issues of duplication, overlap, or impact on program: College of Education and Human Sciences faculty were consulted for suggestions/recommendations. Sherri Hester (registrar's office) was consulted on the systematic procedures for implementing such a prerequisite.

Date Approved by Department Curriculum Committee

Chair's Signature

Date Approved by College Curriculum Committee**

Academic Dean's Signature**

*Proposals within this category require submission and approval by ACHE. Consult the VPAA Office for additional information.

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FL 302. (3) **Cross-Cultural Interaction.** A study of the ways in which differences in languages, perceptions, behaviors, social norms and traditions influence how people from different cultures interact; analysis and discussion of various social and business situations to identify and address the consequences of linguistic and cultural differences, and the need for multicultural education, including the roles of language and ethnicity in a multicultural society. (Fall, Summer)

FL 490. (3) **Special Topics in International Studies.** A detailed study of a particular international studies topic of special interest. Topics will vary and will be listed in the Schedule of Classes and on the student's transcript. May be repeated once for credit with change of topic. (Offered on sufficient demand)

FL 496. (1-3) **Foreign Languages Internship.** Open to seniors majoring or minoring in a foreign language; contingent on availability of internship. Students gain special field experience by working in cooperation with a public or private agency approved by the department for a minimum average of twelve hours per week (for 3 credit hours), nine hours (for 2 credit hours), and six hours (for 1 credit hour). In addition, bi-weekly seminars will be held to evaluate the student's performance. The student will be required to maintain a daily journal regarding work assignments, accomplishments and daily experiences. A written report must be provided to the supervising departmental faculty at the end of the semester. Students may earn a maximum of 3 credit hours. Prerequisites: FR 350, GR 350 or SP 350; FR 353, GR 353 or SP 353; an Oral Proficiency Interview rating in the target language of at least Intermediate-Mid; departmental approval. May be used in satisfaction of a 400-level course requirement for Options I and III of the Foreign Language Major, and in satisfaction of the 300 or 400-level requirement in the Minor. For Option II, it may be used only in satisfaction of a 300-level course requirement. (Fall, Spring, Summer)

FL 497. (3) **Methods in Foreign Language Instruction.** Practical aspects of teaching and learning foreign languages at the middle and secondary levels. Topics covered include foreign language curricula, preparation and presentation of lesson material, classroom management, professional organizations, discovery and use of resources and technology and professional behaviors. Coursework includes on-site class observations and practice exercises. Does not satisfy requirements for foreign language major, minor or general studies component. (Fall, Spring)

FL 498. (1) **Senior Seminar.** Complete review of the grammar of the option language in preparation for the department exit exam. To be taken during the final semester of instruction. Prerequisite: 18 hours of selected option language at the 300 and 400 level. (Fall, Spring)

Prerequisite:
ABI/FBI
Background
Clearance

FRENCH (FR)

FR 101. (3) **Introductory French.** Emphasizes listening, speaking, reading and writing skills. Basic concepts of grammar are introduced. Course is enhanced with audio, video, software and Internet components. No prior knowledge of the language is required. (Fall)

**Undergraduate Curriculum Committee
Curriculum Change Proposal Form**

College Name: Arts and Sciences **Department Name:** Physics and Earth Science

Item(s) to be considered by the Undergraduate Curriculum Committee: (please check all spaces relevant to this proposed change)

- | | |
|--|---|
| <input type="checkbox"/> Proposed New Course(s)—attach one page syllabus | <input type="checkbox"/> Change in Course Description |
| <input type="checkbox"/> Addition Of/Change in Course Fee | <input type="checkbox"/> *New Major/Option/Concentration/Minor |
| <input type="checkbox"/> Cross Listing of Course | <input type="checkbox"/> Revised Major/Option/Concentration/Minor |
| <input type="checkbox"/> Inactivation of Course | <input type="checkbox"/> New/Revised Certificate Program |
| <input type="checkbox"/> Merger of Major/Option/Concentration/Minor | <input type="checkbox"/> Revised Admission Requirement |
| <input type="checkbox"/> Revised Course Number/Title/Credit/Prerequisite | <input type="checkbox"/> Editorial Change |
| <input checked="" type="checkbox"/> Other | |

Will this proposal result in the need for a Revised Faculty Roster Form? Yes ☐ No ☒

If yes, for whom: _____

Will the change require additions or deletions to the Major's Course List? Yes ☐ No ☒

List courses that will be added or deleted for EACH major affected by the curriculum change (see current Major's Courses List). Include major, course number, and title (e.g., "Add to Biology and Marine Biology – BI 498 Study of Pelagic Birds. _____

Brief Description and Rationale – (1) include catalog course prefix, proposed number, credit hours, title, description, prerequisite, if any; (2) include relevant information concerning UNA's mission and goals, student learning opportunities, impact on existing programs and financial implications (you must attach a copy of the current catalog page(s) with all suggested changes made using the *Guidelines and Style Manual*):

This change is in response to the College of Education proposal to require ABI/FBI background checks as a prerequisite to ES 308, Teaching Science Grades P-6.

Proposed Banner Course Title (30 character maximum): N/A

The proposed change(s) will be effective beginning: Spring semester 2013 year

If Addition of/Change in Course Fee, provide justification: N/A

List the departments or programs on campus consulted on the issues of duplication, overlap, or impact on program: Director of Teacher Certification/Certification Officer, College of Education and Human Services was consulted.

Date Approved by Department Curriculum Committee

Chair's Signature

Date Approved by College Curriculum Committee**

Academic Dean's Signature**

*Proposals within this category require submission and approval by ACHE. Consult the VPAA Office for additional information.

**Courses that are not specific to an academic department/college must be submitted through the VPAA Office and approved by the Council of Academic Deans prior to submission to the Undergraduate Curriculum Committee.

ES 132. (4) **Historical Geology.** The development of the earth as deduced from the examination and interpretation of rocks. Special attention given to the identification and significance of fossils. Three class periods; one 2-hour laboratory period per week. Field trips and/or term projects may be required. Prerequisites: ES 121 and ES 121L, or ES 131, or departmental approval. Special fee: \$30.00. (Spring)

ES 245. (4) **Mineralogy.** Crystal chemistry, crystallography; physical properties of minerals; mineral stability, identification, and occurrence. Three class periods; one 2-hour laboratory per week. Field trips and/or term projects may be required. Prerequisite: ES 131. Special fee: \$30.00. (Spring, odd numbered years)

ES 308. (3) **Science for the Elementary School Teacher.** Selected topics from elementary school science teaching units, including biology, chemistry, physics, geology, astronomy, and meteorology; practical techniques in the development and use of teaching materials and science equipment, the collection and preservation of specimens, and demonstration; consideration of the role of science in the elementary school; study of new curricula. This course cannot be used as a 300-level elective in any major or minor other than Elementary Education. Prerequisites: BI 101, 102; ES 121 and ES 121L; PH 101. Special fee: \$30.00. (Fall, Spring)

ES 330. (3) **Meteorology.** Components of weather systems; atmospheric temperature, pressure, and humidity; interpretation of weather maps and elements of forecasting. Also listed as GE 330 but creditable only in field for which registered. Field trips and/or term projects may be required. Prerequisite: ES 121 or ES 131 or GE 111 or GE 112 or departmental approval. (Fall)

ES 375. (3) **Technology and the Environment.** A course designed to acquaint the student with the dynamic state of our technological world; interrelationships of pollution, energy, natural resources, food, and populations, with emphasis on human health issues. Field trips and/or term projects may be required. Prerequisite: advanced standing or departmental approval. (Spring, odd-numbered years)

ES 431. (3) **Structural Geology.** The nature, classification, origin, and quantification of geologic structures, with emphasis on sedimentary rocks. Field trips and/or term projects may be required. Prerequisite: ES 131. (Fall, odd-numbered years)

ES 431L. (1) **Structural Geology Laboratory.** Laboratory analysis, including computer mapping of folds, faults, and other structural features. Laboratory exercises are designed to develop computer skills. Required for geology major. One 2-hour laboratory period per week. Prerequisite: concurrent enrollment in ES 431. (Fall, odd-numbered years)

ES 455W. (4) **Paleobiology.** Fundamental biological problems, including speciation, systematics, evolution, extinction, functional morphology, paleoecology, and biogeography will be addressed from the perspective of the fossil record. Three class periods; one 2-hour laboratory per week. Field trips and/or term projects may be required. Also listed as BI 455W but creditable only in the field for which registered. Prerequisite: ES 132 or departmental approval. Special fee: \$30.00. (Fall, even-numbered years)

ABI/FBI
Background
Clearance

**Undergraduate Curriculum Committee
Curriculum Change Proposal Form**

College Name: Arts and Sciences **Department Name:** Physics and Earth Science

Item(s) to be considered by the Undergraduate Curriculum Committee: (please check all spaces relevant to this proposed change)

- | | |
|--|---|
| <input type="checkbox"/> Proposed New Course(s)—attach one page syllabus | <input type="checkbox"/> Change in Course Description |
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| <input type="checkbox"/> Cross Listing of Course | <input type="checkbox"/> Revised Major/Option/Concentration/Minor |
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| <input type="checkbox"/> Merger of Major/Option/Concentration/Minor | <input type="checkbox"/> Revised Admission Requirement |
| <input type="checkbox"/> Revised Course Number/Title/Credit/Prerequisite | <input type="checkbox"/> Editorial Change |
| <input checked="" type="checkbox"/> Other | |

Will this proposal result in the need for a Revised Faculty Roster Form? Yes ☐ No ☒

If yes, for whom: _____

Will the change require additions or deletions to the Major's Course List? Yes ☐ No ☒

List courses that will be added or deleted for EACH major affected by the curriculum change (see current Major's Courses List). Include major, course number, and title (e.g., "Add to Biology and Marine Biology – BI 498 Study of Pelagic Birds. _____

Brief Description and Rationale – (1) include catalog course prefix, proposed number, credit hours, title, description, prerequisite, if any; (2) include relevant information concerning UNA's mission and goals, student learning opportunities, impact on existing programs and financial implications (you must attach a copy of the current catalog page(s) with all suggested changes made using the *Guidelines and Style Manual*):

This change is in response to the College of Education proposal to require ABI/FBI background checks as a prerequisite to SCED 480, Teaching Science in Secondary Schools.

Proposed Banner Course Title (30 character maximum): N/A

The proposed change(s) will be effective beginning: Spring semester 2013 year

If Addition of/Change in Course Fee, provide justification: N/A

List the departments or programs on campus consulted on the issues of duplication, overlap, or impact on program: Director of Teacher Certification /Certification Officer, College of Education and Human Services was consulted.

Date Approved by Department Curriculum Committee

Chair's Signature

Date Approved by College Curriculum Committee**

Academic Dean's Signature**

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SCIENCE EDUCATION (SCED)

SCED 480. (3) Teaching Science in the Secondary Schools. Examines the problems of teachers in secondary science in integrating laboratory activities into the science curriculum as a basis for inquiry learning. The course provides experience in effective planning, preparing, teaching, in a context of inquiry learning as well as assessing student achievement. This course centers on active engagement of teaching candidates as they incorporate safety concerns, technology, resources, science education reform concepts, the Alabama Course of Study and National Science Education Standards in their science major. This course cannot be used as a 400-level elective in any major or minor other than secondary education. Field trip(s) are required. Credit is awarded only in science major – BI, CH, ES, or PH. Two class periods; one two-hour laboratory period per week. Special fee: \$30.00. (Fall)

Prerequisite: ABT/FBI

SECURITY AND EMERGENCY MANAGEMENT (SEM) Background Clearance

SEM 250. (3) Introduction to Homeland Security. Overview of the critical elements of administrative, legislative, and operational elements of homeland security programs and processes including a review of homeland security history, policies and current issues and problems. (Fall)

SEM 255. (3) Introduction to Emergency Management and Civil Response. Overview of emergency management, including a history of the field, critical elements of administrative, legislative, and operational elements of emergency management and civil response including a review of key policies and current issues and problems. (Spring)

SEM 310. (3) Disaster Mitigation and Preparedness. Methods and techniques used to lessen the potential impact of disasters and improve readiness to respond. Concepts related to preparedness actions, such as planning, training, public education and disaster exercises are reviewed as well as mitigation principles related to sustainability and the built environment. Prerequisites: SEM 250, 255. (Spring)

SEM 350. (3) Interagency Cooperation. Interagency cooperation within the US federal system including the nature, role, function, and jurisdiction of agencies and how they work together in doing the business of government in the emergency management, homeland security, and law enforcement realm. Prerequisites: SEM 250, 255. (Fall)

SEM 405. (3) Terrorism and Terrorist Operations. The history, methods, and philosophy of terrorism are reviewed. Emphasis is placed on extremism as a foundation for terrorist behavior, types of terrorism, and how governments and law enforcement agencies respond to terrorism. Case studies of terrorist activities and implications for emergency response are highlighted. Prerequisites: SEM 250, 255. (Fall)

SEM 406. (3) Disaster Response and Recovery. How people, groups, organizations, communities and governments manage disasters in the immediate aftermath and recover from their effects, including social, physical, business, and infrastructure problems as well as intra- and inter-organizational issues. Prerequisites: SEM 250, 255. (Spring)

Graduate Council
New Course and Course/Curriculum Change Proposal Form

Item(s) to be considered by the Graduate Council: (please check all spaces relevant to this proposed change)

- | | |
|---|--|
| <input type="checkbox"/> Proposed New Course(s) (attach one-page syllabus) | <input type="checkbox"/> Cross Listing of Course |
| <input type="checkbox"/> Course Number/Title Change | <input type="checkbox"/> Inactivation of Course |
| <input checked="" type="checkbox"/> Change in Course Prerequisites | <input type="checkbox"/> Changes in Admission to Major |
| <input type="checkbox"/> Changes in Credit Hours | <input type="checkbox"/> *New Curriculum |
| <input type="checkbox"/> *Revisions in Curriculum of Existing Major, Minor and Concentrations | <input type="checkbox"/> Non-Substantive/Editorial Change (only complete this page for this category) |
| <input type="checkbox"/> Addition of/Increase in Course Fee | <input type="checkbox"/> Other (Please specify) |
| <input type="checkbox"/> *Type of Delivery (on campus, internet, video tape, and/or interactive video) | _____ _____ |

Will this proposal result in the need for a Revised Faculty Roster Form? Yes ☐ No ☒

Brief Description and Rationale (based on assessment) for Proposed Change (proposals must be accompanied by a copy of the current catalog page(s) with all suggested changes made using the *Guidelines and Style Manual*):

This change is in response to the College of Education proposal to require ABI/FBI background checks as a prerequisite to SCED 580, Teaching Science in Secondary Schools.

The proposed change(s) will be effective beginning: Spring semester 2013 year

List the departments or programs on campus consulted on the issues of duplication and overlap (see item #2 below) and attach a copy of all relevant correspondence.

Date Approved by Department Curriculum Committee

Chair's Signature

Date Approved by College Curriculum Committee

Academic Dean's Signature

* May require ACHE review

2-9-12

QM 688. **Quantitative Finance.** 3 semester hours.

This course introduces the fundamental mathematical tools and financial concepts needed to understand quantitative finance, portfolio management and derivatives. Key topics include the random behavior of asset prices, the Black-Scholes model, the Black-Scholes formulae and the Greeks, early exercise and American options, how to delta hedge, fixed-income products and analysis: yield, duration and convexity, swaps, the binomial model and financial modeling in Excel VBA. It is expected that students will have significant experience using Excel spreadsheets. Also listed as CIS 688 and FI 688 but creditable only in field for which registered.

QM 698. **Independent Study/Research.** 3 semester hours.

Guided independent study and/or research in an area related to quantitative methods. Prerequisite: approval of the department chair.

Religion

RE 570. **History of Asian Religions.** 3 semester hours.

This course examines both the historical development and current content of the religious and philosophical traditions of Asia with special emphasis on Confucianism, Daoism, Shintoism, Buddhism, Sikhism, and Hinduism. The course covers Japan, China, India, Tibet, and other parts of Southeast Asia and East Asia. For each of these traditions, we will consider its history and mythology, the great themes and ideas which has shaped the worlds of meaning for the followers, and the ways of worshipping and achieving the good life, individually and socially. Also listed as HI 570 but creditable only in field for which registered. (Summer)

Science Education

SCED 580. **Teaching Science in the Secondary School.** 3 semester hours.

Examines the problems of teachers in secondary science in integrating laboratory activities into the science curriculum as a basis for inquiry learning. The course provides experience in effective planning, preparing, and teaching in a context of inquiry learning as well as assessing student achievement. This course centers on active engagement of teaching candidates as they incorporate safety concerns, technology, resources, science education reform concepts, the Alabama Course of Study and National Science Education Standards in their science major. Two class periods; one two-hour laboratory period per week. Field trip(s) and a paper are required. Credit is awarded only in science major – BI, CH, ES, or PH. (Fall)

Prerequisite: A&T/FBI Background Clearance

**Undergraduate Curriculum Committee
Curriculum Change Proposal Form**

College Name: College of Arts and Sciences

Department Name: English

Item(s) to be considered by the Undergraduate Curriculum Committee: (please check all spaces relevant to this proposed change)

- | | |
|--|---|
| <input type="checkbox"/> Proposed New Course(s)—attach one page syllabus | <input type="checkbox"/> Change in Course Description |
| <input type="checkbox"/> Addition Of/Change in Course Fee | <input type="checkbox"/> *New Major/Option/Concentration/Minor |
| <input type="checkbox"/> Cross Listing of Course | <input type="checkbox"/> Revised Major/Option/Concentration/Minor |
| <input type="checkbox"/> Inactivation of Course | <input type="checkbox"/> New/Revised Certificate Program |
| <input type="checkbox"/> Merger of Major/Option/Concentration/Minor | <input type="checkbox"/> Revised Admission Requirement |
| <input type="checkbox"/> Revised Course Number/Title/Credit/Prerequisite | <input type="checkbox"/> Editorial Change |
| <input checked="" type="checkbox"/> Other | |

Will this proposal result in the need for a Revised Faculty Roster Form? Yes ☐ No ☒

If yes, for whom: _____

Will the change require additions or deletions to the Major's Course List? Yes ☐ No ☒

List courses that will be added or deleted for EACH major affected by the curriculum change (see current Major's Courses List). Include major, course number, and title (e.g., "Add to Biology and Marine Biology – BI 498 Study of Pelagic Birds. _____

Brief Description and Rationale – (1) include catalog course prefix, proposed number, credit hours, title, description, prerequisite, if any; (2) include relevant information concerning UNA's mission and goals, student learning opportunities, impact on existing programs and financial implications (you must attach a copy of the current catalog page(s) with all suggested changes made using the *Guidelines and Style Manual*):

Adding ABI/FBI Background clearance as a prerequisite to non-restricted education courses (EN 323, Literature for Young Adults, and EN 443, Instruction of Composition) with required school-based clinical experiences, catalog pages ('12-'13, pg. 248 and 249).

Proposed Banner Course Title (30 character maximum): _____

The proposed change(s) will be effective beginning: Spring semester 2013 year

If Addition of/Change in Course Fee, provide justification: _____

List the departments or programs on campus consulted on the issues of duplication, overlap, or impact on program: English Department faculty were consulted for suggestions/recommendations. Sherri Hester (registrar's office) was consulted on the systematic procedures for implementing such a prerequisite.

Date Approved by Department Curriculum Committee

Chair's Signature

Date Approved by College Curriculum Committee**

Academic Dean's Signature**

*Proposals within this category require submission and approval by ACHE. Consult the VPAA Office for additional information.

**Courses that are not specific to an academic department/college must be submitted through the VPAA Office and approved by the Council of Academic Deans prior to submission to the Undergraduate Curriculum Committee.

- EN 315. (3) **History of Film.** The historical development of the motion picture and television film as an art form from earliest stages to the present, including the technical, social, economic, and cultural factors influencing development, and using films from the periods and genres. Also listed as COM 300/TH 300 but creditable only in field for which registered. (Spring)
- EN 323. (3) **Literature for Young Adults.** Literature suitable for instructional and recreational use by middle school/junior high school and high school students. Open to English Language Arts majors only. (Spring, even-numbered years; Fall, odd-numbered years)
- Prerequisite: EN 324. (3) **The Oral Tradition.** An examination of the structure, genres, and differing attitudes of written and oral literature as well as those periods in literary history in which oral literature has flourished. (Spring, odd-numbered years; Summer even-numbered years)
- ABI/FBI background clearance EN 331. (3) **Studies in Contemporary Global Literature.** Concentrated study of one aspect of contemporary literature written outside of Britain and the US. The course may be focused by geographical region, by genre, or by topic. Texts not originally written in English will be studied in translation. Variable content course which may be repeated once. (Spring, odd-numbered years)
- EN 333. (3) **Images of Women in Literature.** An examination of images of women in literature drawn primarily from the works of women writers in English and American literature of the nineteenth and twentieth centuries; an introduction to feminist criticism. Also listed as WS 333 but creditable only in field for which registered. (Spring, even-numbered years)
- EN 341W. (3) **Advanced Composition.** Practice in expository writing beyond that offered by Freshman Composition. (Fall; Spring, odd-numbered years)
- EN 355. (3) **Genres in Creative Writing.** A workshop format introducing the fundamentals of craft and editing in the basic genres of literary short fiction, poetry, drama, and creative non-fiction. (Fall, Spring)
- EN 360. (3) **Literary Criticism.** Major critical trends in literary theory, with emphasis on criticism since 1965, including feminist, Marxist, structuralist and deconstructive approaches to literature. Exploration on these theories and analysis of selected works of literature. (Spring)
- EN 371. (3) **English Drama.** English Drama from its sources through the nineteenth century, excluding Shakespeare. (Offered on sufficient demand)
- EN 391. (3) **Film Authors.** An intense study of the films of a major filmmaker or group of filmmakers, with an emphasis on how their work contributed to the development of the art of film. Students will become engaged with directors from around the world who, based on their body of work, help one see the cultural, historical, and social significance of their works in cinematic history. (Spring, even-numbered years)
- EN 392. (3) **Film Genres.** The course focuses on a particular film style or genre with particular emphasis on genre study. Sample topics might include Film Comedy, Science Fiction, The Western, Avant-Garde Film, Documentary Film, German Expressionism, Neorealism. (Fall, odd-numbered years)

EN 393W. (3) **Short Screenplay Writing.** Workshops in the craft's most effective conventions and an introduction to constructing affective visual narratives. Exercises guide to mastery of essentials, which culminate in conceptualizing and composing an authentic work. Special fee: \$30.00. (Fall, Spring)

EN 394. (3) **Perspectives in European Film.** A survey of selected or individual European cinemas with a focus on major narrative films and the cultural and historical contexts from which they derive. (Fall, even-numbered years)

EN 395. (3) **World Cinema.** A survey of key tendencies in international cinema from the silent era to the present day. (Offered on sufficient demand)

EN 396W. (3) **Writing about Film.** An introduction to the instruction and practice in the techniques of writing essays about film. Writing assignments might include reviews, research papers, theoretical inquiries, scholarly articles, or critical analyses. (Fall, odd-numbered years)

EN 401. (3) **Chaucer.** The Canterbury Tales, Troilus and Criseyde, and most of the minor poems. (Fall, even-numbered years)

EN 402. (3) **Milton.** Although some prose works are studied, the emphasis is upon Milton as a poet. (Fall, odd-numbered years)

EN 403. (3) **Shakespeare.** Major plays for understanding and appreciation. (Fall)

EN 405. (3) **African-American Literature.** An investigation of the development of African-American literature and an examination of selected writers of poetry, drama, fiction, and nonfiction. (Fall, odd-numbered years)

EN 439W. (3) **Technical Editing.** Training in copy editing and practice in substantive editing skills in content, organization, and format. Students will focus on using typographic conventions, scientific symbols, style manuals, and publication guides. (Fall, even-numbered years)

EN 441. (3) **History of the English Language.** Development of the English language and of modern English usage. (Offered on sufficient demand)

EN 442. (3) **Survey of Grammar.** A study of contemporary English grammar comprising primarily morphology and syntax, with discussion of register and dialect. (Spring, odd-numbered years)

EN 443. (3) **Instruction of Composition.** Approaches to and practice in the instruction of English composition. Open to English Language Arts majors only. (Fall, odd-numbered years; Spring)

EN 445W. (3) **New Media Writing.** A combination of theory and application of new media writing - electronic, interactive, and multi-media text. (Spring, even-numbered years)

EN 450. (3) **Studies in American Folklore.** A study of the sources, backgrounds, and forms of American folklore. Introduction to the field. Emphasis is given to research methods and to field work. (Spring, even-numbered years)

EN 451. (3) **The American Novel.** From the beginning of the American novel to the twentieth century. (Spring, even-numbered years)

Prerequisite:
ABI/FBI
background
clearance

**Undergraduate Curriculum Committee
Curriculum Change Proposal Form**

College Name: College of Arts and Sciences

Department Name: Music and Theatre

Item(s) to be considered by the Undergraduate Curriculum Committee: (please check all spaces relevant to this proposed change)

- | | |
|---|---|
| <input type="checkbox"/> Proposed New Course(s)—attach one page syllabus | <input type="checkbox"/> Change in Course Description |
| <input type="checkbox"/> Addition Of/Change in Course Fee | <input type="checkbox"/> *New Major/Option/Concentration/Minor |
| <input type="checkbox"/> Cross Listing of Course | <input type="checkbox"/> Revised Major/Option/Concentration/Minor |
| <input type="checkbox"/> Inactivation of Course | <input type="checkbox"/> New/Revised Certificate Program |
| <input type="checkbox"/> Merger of Major/Option/Concentration/Minor | <input type="checkbox"/> Revised Admission Requirement |
| <input checked="" type="checkbox"/> Revised Course Number/Title/Credit/Prerequisite | <input type="checkbox"/> Editorial Change |
| <input type="checkbox"/> Other | |

Will this proposal result in the need for a Revised Faculty Roster Form? Yes ☐ No ☒

If yes, for whom: _____

Will the change require additions or deletions to the Major's Course List? Yes ☐ No ☒

List courses that will be added or deleted for EACH major affected by the curriculum change (see current Major's Courses List). Include major, course number, and title (e.g., "Add to Biology and Marine Biology – BI 498 Study of Pelagic Birds. _____

Brief Description and Rationale – (1) include catalog course prefix, proposed number, credit hours, title, description, prerequisite, if any; (2) include relevant information concerning UNA's mission and goals, student learning opportunities, impact on existing programs and financial implications (you must attach a copy of the current catalog page(s) with all suggested changes made using the *Guidelines and Style Manual*):

Revise the prerequisite for MU 444 Secondary School Music Methods

Current prerequisite: None

Proposed prerequisite: ABI/FBI Background Clearance

Rationale: Response to request from the College of Education and Human Sciences

Proposed Banner Course Title (30 character maximum): _____

The proposed change(s) will be effective beginning: Fall semester 2013 year

If Addition of/Change in Course Fee, provide justification: _____

List the departments or programs on campus consulted on the issues of duplication, overlap, or impact on program: College of Education and Human Sciences

Date Approved by Department Curriculum Committee

Chair's Signature

Date Approved by College Curriculum Committee**

Academic Dean's Signature**

*Proposals within this category require submission and approval by ACHE. Consult the VPAA Office for additional information.

**Courses that are not specific to an academic department/college must be submitted through the VPAA Office and approved by the Council of Academic Deans prior to submission to the Undergraduate Curriculum Committee.

MU 398. (2) **Vocal Literature.** Study of the major American, English, French, and German composers of solo vocal literature from the Baroque to the present, their style characteristics, and overall contributions to the body of vocal literature known as art song. Includes listening to recordings and general survey of literature for all voice classifications. Prerequisite: departmental approval. (Spring, odd numbered years)

MU 403. (2) **Music of the Twentieth Century.** A survey of contemporary composers, their products, and their stylistic tendencies. (Offered on sufficient demand)

MU 442. (3) **Organ Literature and Materials.** An examination of an extensive amount of music for organ, and of the composers and their backgrounds. Two class periods per week. (Offered on sufficient demand)

MU 443. (3) **Organ Pedagogy.** Principles, philosophy, psychology, and professional ethics of the private organ teacher; materials, standards, and studio recitals, parental school and community relationships. (Offered on sufficient demand)

MU 444. (3) **Secondary School Music Methods.** A practical comprehensive course designed to help the prospective music teacher in the secondary school; includes curriculum, evaluation, and teaching methods. (Fall)

MU 445. (3) **Piano Literature and Materials.** An examination of an extensive amount of music for piano, and of the composers and their backgrounds. Two class periods per week. (Offered on sufficient demand)

MU 446. (3) **Piano Pedagogy.** Principles, philosophy, psychology, and professional ethics of the private piano teacher; materials, standards, and studio recitals, parental, school, and community relationships. (Offered on sufficient demand)

MU 490. (1-3) **Special Topics.** Topics selected with the approval of the department head. May be repeated but not to exceed a total of three semester hours. (Offered on sufficient demand)

MU 495. (3) **Music Practicum.** Selected problems and practice emphasizing actual professional work situations in commercial music, performance, and music education through special study, projects or field experience under departmental supervision and evaluation. May be repeated once. Prerequisite: departmental approval. (Fall, Spring, Summer)

NURSING RN-to-BSN ON-LINE OPTION

Nursing on-line courses (NU) 302R, 303R, 305R, 411R, 416R, and 418R are required to complete the BSN degree. Nursing students in the RN-to-BSN Flex-Track curriculum have preference to on-line courses. A distance learning fee is required. Courses are offered on sufficient demand.

NU 302R. (6) **Community Health Nursing On-Line.** An asynchronous online course that introduces student to the theoretical concepts of community and population based community health nursing practice with an emphasis on health promotion, health education and community assessment as applied to nursing practice in a community-based health care setting. Includes clinical components. Prerequisites: admission to the online nursing major, active RN licensure.

Prerequisite:
ABI/FBI
background
clearance.

**Undergraduate Curriculum Committee
Curriculum Change Proposal Form**

College Name: College of Arts and Sciences

Department Name: Music and Theatre

Item(s) to be considered by the Undergraduate Curriculum Committee: (please check all spaces relevant to this proposed change)

- | | | | |
|-------------------------------------|---|-------------------------------------|--|
| <input type="checkbox"/> | Proposed New Course(s)—attach one page syllabus | <input checked="" type="checkbox"/> | Change in Course Description |
| <input type="checkbox"/> | Addition Of/Change in Course Fee | <input type="checkbox"/> | *New Major/Option/Concentration/Minor |
| <input type="checkbox"/> | Cross Listing of Course | <input type="checkbox"/> | Revised Major/Option/Concentration/Minor |
| <input type="checkbox"/> | Inactivation of Course | <input type="checkbox"/> | New/Revised Certificate Program |
| <input type="checkbox"/> | Merger of Major/Option/Concentration/Minor | <input type="checkbox"/> | Revised Admission Requirement |
| <input checked="" type="checkbox"/> | Revised Course Number/Title/Credit/Prerequisite | <input type="checkbox"/> | Editorial Change |
| <input type="checkbox"/> | Other | | |

Will this proposal result in the need for a Revised Faculty Roster Form? Yes ☐ No ☒

If yes, for whom: _____

Will the change require additions or deletions to the Major's Course List? Yes ☐ No ☒

List courses that will be added or deleted for EACH major affected by the curriculum change (see current Major's Courses List). Include major, course number, and title (e.g., "Add to Biology and Marine Biology – BI 498 Study of Pelagic Birds. _____

Brief Description and Rationale – (1) include catalog course prefix, proposed number, credit hours, title, description, prerequisite, if any; (2) include relevant information concerning UNA's mission and goals, student learning opportunities, impact on existing programs and financial implications (you must attach a copy of the current catalog page(s) with all suggested changes made using the *Guidelines and Style Manual*):

Revise the prerequisite for MU 381 Elementary School Music Methods; revise course description

Current prerequisite: None

Proposed prerequisite: ABI/FBI Background Clearance.

Rationale: Response to request from the College of Education and Human Sciences

Course description change: add reference to Dalcroze

Proposed Banner Course Title (30 character maximum): _____

The proposed change(s) will be effective beginning: Fall semester 2013 year

If Addition of/Change in Course Fee, provide justification: _____

List the departments or programs on campus consulted on the issues of duplication, overlap, or impact on program: College of Education and Human Sciences

Date Approved by Department Curriculum Committee

Chair's Signature

Date Approved by College Curriculum Committee**

Academic Dean's Signature**

*Proposals within this category require submission and approval by ACHE. Consult the VPAA Office for additional information.

**Courses that are not specific to an academic department/college must be submitted through the VPAA Office and approved by the Council of Academic Deans prior to submission to the Undergraduate Curriculum Committee.

MU 361. (2) **Orchestration and Arranging.** The study of the skills of instrumental scoring and arranging for various small and large groups. Transpositions, tone colors, blends, and techniques of instrumentation and arranging are learned, as well as computer notation programs, with an emphasis given to the creation of original and derivative works of music. Prerequisite: MU 202. (Fall)

MU 363. (3) **Form and Analysis.** Music of various periods is analyzed formally, harmonically, and contrapuntally. Prerequisite: MU 202. (Fall)

MU 372. (3) **Introduction to Music Technology.** This course serves as an introduction to technology as it pertains to music, including consideration of cross-disciplinary computer hardware and software, digital video and audio equipment and software, electronic sound equipment, MIDI concepts and related software programs, the music-writing software Sibelius, as well as historical considerations in the development of technology useful for the teaching/learning process. Special fee: \$10.00. (Spring)

MU 381. (3) **Elementary School Music Methods.** Basic music experiences in the elementary ~~and middle~~ schools, including listening, singing, playing, moving, creating, reading activities, and Kodaly and Orff techniques. (Spring)

MU 382. (2) **Fundamentals of Conducting.** An introduction to the art of music conducting, beginning with the basics of conducting gesture and baton technique as related to choral, orchestral, and wind ensembles. The course emphasizes the problems of obtaining nuance, rhythmic precision, and subtle accentuation through one's conducting technique. Competencies assessed include baton technique, appropriate gestures, score preparation and rehearsal techniques. (Fall)

Prerequisite:
ABI/FBI
background
clearance.

Dalcroze,

MU 383. (2) **Instrumental Conducting.** Advanced instruction emphasizing the problems of obtaining nuance, rhythmic precision, and subtle accentuation through one's baton technique as related to instrumental ensembles. Prerequisite: MU 382. (Spring)

MU 384. (2) **Choral Conducting.** Advanced instruction emphasizing the problems of obtaining nuance, rhythmic precision, and subtle accentuation through one's conducting technique, as related to choral ensembles. Students must attend one rehearsal each week of the University Chorale. Prerequisite: MU 382. (Fall)

MU 392. (2) **Instrumental Literature and Pedagogy.** A study of instrumental literature from the pre-Baroque to the twentieth century including analysis, performance techniques, teaching techniques, materials, practices and theories for the student's major instrument. Prerequisite: assignment by departmental approval. (Offered on sufficient demand)

MU 393. (2) **Instrumental Techniques.** Techniques of developing successful marching and concert bands. (Fall)

MU 394. (2) **Choral Techniques.** Organization and administration of choral activities in middle and secondary schools. Must be taken concurrently with MU 107, 207, 307, or 407. (Spring)

MU 397. (2) **Vocal Pedagogy.** Study of respiration, phonation, articulation, registration, and resonance; concepts and techniques of singing. Includes listening to recordings, viewing videotapes, and studio observation. Prerequisite: MU 111 or departmental approval. (Fall, even-numbered years)