

## **CORRECTIONS EFFECTIVE FALL 2011**

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### **Academic Programs**

#### **Management, Global Management Concentration, BS**

##### **Electives\*\***

Choose two of the following courses (6 credits)

ACFI 455 International Finance

COMM 365 Introduction to Intercultural Communication

ECON 321 International Economics

POLI 260 International Relations

\*\* ACFI 445 Auditing may not be used

#### **American Studies Minor**

- Remove “(6 credits)” after INTD 420 American Studies Seminar
- Replace “Total minimum credits: 21” with “Total minimum credits : 18”

#### **Spanish Minor**

The following courses are not applicable toward the Spanish minor

LASP 210 Latin American Poetry in Translation

LASP 220 Contemporary Latin American Novel in Translation

LASP 230 Contemporary Latin American Short Story in Translation

Courses with a LANG subject code (with the exception of LANG 498)

## Course Changes Effective Spring 2012

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### **ANTH (Anthropology)**

#### **ANTH 213 Latin American Peoples and Cultures**

Course designated as fulfilling the Writing Intensive (CWRT- Spring 2012 forward) core curriculum requirement.

#### **ANTH 311 Emergence of Cities**

Prerequisite changed to *ANTH 103 plus three additional credits in Anthropology; or consent of instructor*

### **ATTR (Athletic Training)**

#### **ATTR 340 Sports Injury Management-Lower Extremity**

Prerequisite changed to *ATTR 240*

#### **ATTR 341 Sports Injury Management-Upper Extremity**

Prerequisite changed to *ATTR 340*

#### **ATTR 343 Level III Clinical Experience in Athletic Training**

Prerequisite changed to *ATTR 342*

#### **ATTR 410 Nutritional Concepts for Health Care Practitioners**

Prerequisite changed to *ATTR 443 and ATTR 446*

#### **ATTR 442 Therapeutic Exercise**

Prerequisite changed to *ATTR 340*

#### **ATTR 450 Therapeutic Modalities**

Prerequisite changed to *ATTR 241*

#### **ATTR 454 Level IV Clinical Experience in Athletic Training**

Prerequisite changed to *ATTR 343*

#### **ATTR 455 Level V Clinical Experience in Athletic Training**

Prerequisite changed to *ATTR 454*

### **ATTR 490 Administration of Athletic Training**

Prerequisite changed to *ATTR 341*

Semester offered (alternate years) removed

### **AVSC (Aviation Science)**

#### **AVSC 211 Commercial Pilot Ground School**

Prerequisite changed to *AVSC 105*

### **BIOL (Biology)**

#### **BIOL 297 Biometry**

Prerequisite changed to *MATH 100 or MATH 141 or MATH 161; and BIOL 225 with a minimum grade of C- which may be taken concurrently; or consent of instructor*

#### **BIOL 328 Stream Ecology**

Prerequisite changed to *BIOL 225 with a minimum grade of C-; and CHEM 131 or CHEM 141 which may be taken concurrently; and MATH 100 and MATH 141 or MATH 161; or consent of instructor*

#### **BIOL 420 Limnology**

Prerequisite changed to *BIOL 100 with a minimum grade of B- or BIOL 102 with a minimum grade of B- or BIOL 121 with a minimum grade of C-; and CHEM 132 or CHEM 142; and MATH 100 or MATH 141 or MATH 161*

#### **BIOL 482 Neurobiology**

Prerequisite changed to *BIOL 200 with a minimum grade of "C-"; and BIOL 251 or BIOL 373 with a minimum grade of "C-"; and MATH 141 or MATH 161; or equivalent or consent of instructor*

### **COMM (Communication Studies)**

#### **COMM 224 Communication Studies Research**

Prerequisite changed to *COMM 130 and COMM 222*

### **DANP (Dance-Physical Education)**

#### **DANP 164 Square Dance**

Title changed to Square and Contra Dance

Course description change to:

This course is an introduction to contemporary square and contra dance.

## **EDHM (High School, Middle School, PreK-12)**

### **EDHM 210 Introduction to Teaching**

Course description changed to:

Prospective candidates for teaching careers explore the teaching learning process in schools by examining the School of Education and Allied Studies Conceptual Framework Model and by reading, writing and analyzing research materials, by using technology, observing in the field, and by planning learning experiences. Candidates gain knowledge and experience concerning diversity, differentiated learning, special education, the Massachusetts Curriculum Frameworks, and the organizational structure of schools. Professional responsibilities, ethics, and legal aspects concerning education are also identified. Candidates will begin to develop their first portfolios as a professional in education. This course requires 10 hours in field experience in appropriate settings.

### **EDHM 235 Learning and Motivation**

Course description changed to:

Candidates for teaching careers will investigate contemporary psychological theories of learning and motivation as they relate to instructional strategies, classroom management and the exigencies of public school teaching. Emphasis will be placed on the practical application of research-supported constructivist principles that promote authentic learning in the increasingly diverse classroom of the 21<sup>st</sup> century. Candidates will continue to develop their professional portfolios. This course requires 10 hours in field experience in appropriate settings.

## **INTD (Interdisciplinary)**

### **INTD 150 Learning Community**

Course description changed to:

Learning communities are designed to involve students in collective experiences that enhance their academic work. Although the subject of the learning community may vary, all student participants will focus on a particular topic, will hold regular meetings with faculty and will engage in related events and activities (such as community service, project-based learning, or research) as outlined by faculty at the beginning of the course. This course is graded on a (P)Pass/(N)No Pass basis.

## **MATH (Mathematics)**

### **MATH 143 Problem Solving in Mathematics**

Prerequisite changed to *Registration in designated enhanced MATH course*

Course description changed to:

This course is a required corequisite for enhanced sections supported by small-group structured learning assistance. Under faculty supervision, students acquire strategies of problem solving, study skills and mathematical inquiry to help them succeed in mathematics. Students in this course will attend a weekly tutorial session led by a peer learning assistant (PAL) in which they will engage in inquiry-based and small-group problem solving. This course will be graded on a (P) Pass/(N) No Pass basis. This course may be repeated twice for credit.

### **MATH 180 Transition to Advanced Mathematics**

Prerequisite changed to *MATH 151 or MATH 161, MATH 161 may be taken concurrently*

### **MATH 200 Probability and Statistics**

Prerequisite changed to *MATH 142 or MATH 152 or MATH 162, MATH 162 may be taken concurrently*

### **MATH 202 Linear Algebra**

Prerequisite changed to *MATH 142 or MATH 152 or MATH 162, MATH 162 may be taken concurrently*

### **MATH 316 Differential Equations**

Prerequisite changed to *MATH 251 or MATH 261*

### **MATH 318 Quantitative Methods for Management**

Prerequisite changed to *MATH 142 or MATH 144 or MATH 152 or MATH 162; and MATH 110 or ECON 210 or equivalent*

### **MATH 401 Introduction to Analysis I**

Prerequisite changed to *MATH 252 or MATH 261; and MATH 202*

### **MATH 403 Probability Theory**

Prerequisite changed to *MATH 251 or MATH 261*

**MATH 408 History of Mathematics**

Prerequisite changed to *MATH 252 or MATH 261; and MATH 202*

**MATH 415 Numerical Analysis**

Prerequisite changed to *MATH 251 or MATH 261*

**MATH 416 Applied Mathematics**

Prerequisite changed to *MATH 251 or MATH 261*

**MATH 490 Mathematics Seminar**

Prerequisite changed to *MATH 251 or MATH 261; and MATH 301; or consent of the department chairperson*

**PSYC (Psychology)****PSYC 410 Applied Social Psychology**

Prerequisite changed to *PSYC 100 and PSYC 310; or Consent of Instructor*

**THEA (Theater )****THEA 346 Speech and Text for the Actor**

Prerequisite changed to *THEA 211 and THEA 242*

Course description changed to:

This course will provide students with advanced analytical, vocal, speech and interpretive techniques associated with performing dramatic literature that is constructed on highly artificial language and/or requires virtuosic vocal performance. Through the study of three or four dialects, students will also learn a system for achieving stage dialects.

**THEA 348 Acting Shakespeare**

Prerequisite changed to *THEA 211 and THEA 242*

Course description changed to:

This course is an exploration of performing Shakespeare. Theory analysis of rhythms, timber, phonetics and poetic devices for performance, scenes, monologues and written analysis are covered.

Semester offered changed to *Offered alternate years.*

**THEA 442 Acting Styles**

Prerequisite changed to *THEA 157 and THEA 211 and THEA 242*

## **THEA 455 Audition Techniques**

Prerequisite changed to *THEA 157 and THEA 211 and THEA 242*

## New Courses Effective Spring 2012

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### **ANTH 311 The Emergence of Cities**

(3 credits)

*Prerequisite: ANTH 103 or consent of instructor*

This course is a study of the development of urban centers out of a Neolithic subsistence base, both in the Middle East and the New World, with some references to developments in other areas. It will focus on the problems of urban life in antiquity, with special reference to those problems which may also be found in modern cities. *Offered every third year.* (CGCL; CMCL; CSOC)

### **ANTH 396 Special Topics in Cultural Anthropology**

(3 credits)

*Prerequisite: ANTH 100 or consent of instructor*

Special topics of current interest in cultural anthropology will be offered occasionally. Topics will be announced prior to registration. This course may be repeated once for different topics. *Offered every other year.* (CMCL; CSOC)

### **ANTH 397 Special Topics in Biological Anthropology**

(3 credits)

*Prerequisite: ANTH 101 or consent of instructor*

Various special topics of current interest in biological anthropology will be offered occasionally. Topics will be announced prior to registration. This course may be repeated once for different topics. *Offered every third year.* (CSOC)

### **ANTH 398 Special Topics in Archaeology**

(3 credits)

*Prerequisite: ANTH 103 or consent of instructor*

Special topics of current interest in archaeology will be offered occasionally. Topics will be announced prior to registration. This course may be repeated once for different topics. *Offered every third year.* (CSOC)



**ATTR 460 Psychosocial Intervention and Patient Care**  
(3 credits)

*Prerequisite: ATTR 454*

This course aims to assist the practitioner with mastering competencies related to the psychosocial intervention and referral domain. Students will develop skills that will assist them to recognize, intervene, and refer when appropriate, patients exhibiting socio-cultural, mental, emotional and psychological behavioral problems/issues. *Offered every year.*

**DANC 140 Dance Technical Practicum**  
(1 credit)

This practicum is designed to give students hands-on experience in all areas of dance production. Students will divide their 60 hour practicum among backstage technical requirements, dance production management and costume production. *Offered either semester.*

**ENGL 270 Reading Film Language**  
(3 credits)

*Prerequisite: ENGL 102*

This course introduces students to the art of cinema through viewings of films that represent various styles, genres, historical moments and national traditions. Students will become familiar with technical concepts including cinematography, *mise-en-scène*, editing and sound, and will learn how to perform formal, ideological and narrative analysis of film texts. In addition to film viewing, readings in film criticism and film theory will also be assigned. *Offered every year.*

**HEAL 360 Health Care in the U.S.**  
(3 credits)

*Prerequisite: Sophomore standing or consent of instructor*

This course is designed to provide an overview of the U.S. health care delivery system. Course topics include health care delivery, health care financing, and health care regulation. A major focus of the course is on the ways in which health care is structured and how the different aspects of the system interact with one another. *Offered every year.*

## **LALT 101 Elementary Latin I**

(3 credits)

This course is an introduction to Latin and presumes no prior knowledge of the language. The goal of the course is to equip students with most of the skills necessary for reading Latin. Course sessions will be dedicated to analysis of Latin passages designated to reinforce command of basic forms and structures. The course will also provide information about Roman culture and history. *Offered fall semester.*

## **MATH 110T Problem Solving in Statistics**

(1 credit)

*Prerequisite: Must be taken concurrently with MATH 110E*

This course is a required co-requisite for MATH 110E, the enhanced version of Elementary Statistics I. Under faculty supervision, students acquire strategies of problem solving and study skills related to their statistics course. Each week students will attend a one hour recitation with a mathematics coach and two additional tutoring hours on problem solving with the coach. This course may be repeated three times. This course is graded on a (P) Pass / (N) No Pass basis.

## **MATH 140T Problem Solving in Precalculus**

(1 credit)

*Prerequisite: Must be taken concurrently with MATH 140E*

This course is a required co-requisite for MATH 140E, the enhanced version of Elements of Precalculus. Under faculty supervision, students acquire strategies of problem solving and study skills related to their precalculus course. Each week students will attend a one hour recitation with a mathematics coach and two additional tutoring hours on problem solving with the coach. This course may be repeated three times. This course is graded on a (P) Pass / (N) No Pass basis.

## **MATH 150 Precalculus with Trigonometry**

(4 credits)

*Prerequisite: Mathematics placement test*

This course is designed to help prepare students for the study of calculus. Topics covered include a review of algebraic fundamentals (exponents, logarithms, linear and non-linear equations and inequalities), a study of polynomial, rational and transcendental functions as well as trigonometric functions, identities and equations. (CMAR)

## **MATH 161/161E Single Variable Calculus I**

(4 credits)

*Prerequisite: MATH 100 or MATH 150 or mathematics placement test or consent of department*

This course will provide an introduction to the topics and techniques of single-variable calculus. Differential calculus topics will include limits and derivatives of algebraic and transcendental functions as well as applications of the derivative. Integral calculus topics will include antiderivatives, area and the Fundamental Theorem of Calculus.

Students enrolled in the enhanced course MATH 161E must also enroll in an appropriate section of the corequisite course MATH 143 (CMAR)

## **MATH 162 Single Variable Calculus II**

(4 credits)

*Prerequisite: MATH 161 or consent of department*

This course is a continuation of material found in MATH 161. Topics will include integration techniques and applications of integration using algebraic and transcendental functions. In addition, sequences and series will be discussed. (CMAR)

## **MATH 261 Multivariable Calculus**

(4 credits)

*Prerequisite: MATH 162*

This course is a continuation of the MATH 161/MATH 162 Single Variable Calculus I-II sequence. Topics will include parametric and polar equations, derivatives and integrals of multivariable functions, and vector analysis.

## **NUTR 210 Introduction to Nutrition**

(3 credits)

The focus of this course is on the basic function of nutrients (macronutrients, micronutrients and water). It examines how a person's diet promotes health and how life habits, environment, heredity and diet work together. Students will gain a deeper understanding of what it means to make healthy food choices and the role of nutrients in maintaining health. *Offered every year.*

### **NUTR 315 Applied Nutrition for Healthy Living** (3 credits)

*Prerequisite: NUTR 210 with a minimum grade of "C-"*

Fundamental concepts of nutrition are reviewed and applied to practical general wellness and active lifestyle examples. Students will assess body composition, fluid status, dietary patterns and nutrition status. In addition, meal planning principles for long term weight and body composition control will be examined. *Offered every year.*

### **NUTR 325 Complementary Nutrition** (3 credits)

The theories and principles regarding herbs, vitamins, minerals, and other natural and synthetic supplements, with known or postulated nutrient effects, are explored. Fundamental concepts of nutrition, federal regulations, cultural beliefs, evidence based research as well as perceived benefits and risks are investigated. *Offered every year.*

### **NUTR 430 Advanced Nutrition** (3 credits)

*Prerequisite: NUTR 210*

A comprehensive study of principles regarding nutrition including physiological and metabolic processes and interrelationships involving nutrients will be conducted. Factors affecting nutritional health status and nutrient requirements during the life span with an emphasis on food habit development and the principles of menu planning will be explored. *Offered every year.*

### **NUTR 498 Field Experience in Nutrition** (3 credits)

*Prerequisite: NUTR 430*

This field experience offers qualified students the opportunity to gain practical experience in their minor. Placements are made in both public and private agencies and are designed to complement a student's experience related to nutrition. This course may be repeated for a maximum of six credits. *Offered every year.*

### **PHYS 396 Research Problems in Physics**

(1 credit)

*Prerequisite: Not open to freshmen; formal application required*

The student will conduct an individual research experience over one semester or multiple semesters in collaboration with a faculty member. At the end of each semester, a written progress report must be submitted for review by the supervising faculty member and a presentation is made to the physics faculty and students. This course may be repeated for a maximum of three credits.

### **POLI 588 Thesis**

(3 or 6 credits)

*Prerequisite: Consent of the graduate coordinator and the department chairperson; approved thesis proposal required*

Original research is undertaken by the MPA student in the field of public administration. Research undertaken is intended to culminate in a formal thesis. Department standards require the student to work closely with his/her adviser and to phase the work so that the project proposal is carefully designed and approved before the student advances to the next stage. For details, consult the paragraph titled "Thesis" in "Graduate Academic Policies" section of this catalog and the paragraph titled "Exit Requirement" under Master of Public Administration in the "Political Science" section of this catalog. This course may be repeated for a maximum of six credits.

### **SPED 562 Psycho-education in the Classroom**

(3 credits)

The primary purpose of this course is to provide students with the current knowledge and professional skills necessary for the design, implementation, monitoring and effectiveness of psycho-educational interventions with children and adolescents in school settings. Emphasis is placed upon students acquiring a functional understanding of the process associated with psycho-educational interventions in school. The course will cover intervention planning for specific academic, neurological and psychological childhood disorders.

**SPED 583 Introduction to Applied Behavior Analysis**  
(3 credits)

This course will introduce students to basic concepts and principles of behavior analysis as they relate to children and adolescents, with an emphasis on students with Autism Spectrum Disorders and related developmental disabilities. Students will become knowledgeable about evidence-based interventions, based on basic principles of behavior, for intervening on behalf of children and adolescents in educational settings. Topics will include ethics, how to conduct Functional Behavior Assessment (FBA), reinforcement procedures to increase behavior, punishment and non-punishment procedures to decrease behavior, data collection systems, generalization, self-management techniques, and discrete trial teaching. Students will also develop their own behavior management program in a culminating project. *Offered spring semester.*