



Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP297                    Research Methods in African American Studies**  
(Perm req)  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP298A                Special Topics in Afro-American Studies: African-American History, 1865 - Present**  
Credits: 3                    Grading Method: Regular,                    CORE: SH, D  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP298B                Special Topics in African American Studies; Construction of Manhood and Womanhood in the Black Community**  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP298L                Special Topics in Afro-American Studies: African-American Literature and Culture**  
Credits: 3                    Grading Method: Regular,                    CORE: HL, D  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP298Z                Special Topics in African American Studies; Jazz as a Cultural Art Form**  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP303                    Computer Applications in African American Studies**  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP305                    Theoretical, Methodological and Policy Research Issues in African American Studies**  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP310 African Slave Trade**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP386 Experiential Learning**  
(Perm req) Credits: 3-6 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**AASP396 Independent Study Non-Thesis Option**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**AASP397 Senior Thesis**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP398G Selected Topics in the African Diaspora; Gender, Labor, and Racial Identity in Diaspora Communities**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP398Q Selected Topics in the African Diaspora; Black Baltimore in the Post Racial U.S: African American Urban Culture in the Age of Obama**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**AASP402 Classic Readings in African American Studies**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP411 Black Resistance Movements**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AASP441      Science, Technology, and the Black Community**

Credits: 3                      Grading Method: Regular,  
  Pass-Fail, Audit                      , D

**Contact department for information to register for this course.**

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**AASP443      Blacks and the Law**

Credits: 3                      Grading Method: Regular,  
  Pass-Fail, Audit                      , D

**Contact department for information to register for this course.**

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**AASP478N     Humanities Topics in African American Studies; African-American Literature: 1910-1945**

Credits: 3                      Grading Method: Regular,  
  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AASP498B     Special Topics in Black Culture; Black Women's Arts and Culture**

Credits: 3                      Grading Method: Regular,  
  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AASP498K     Special Topics in Black Culture; Black Masculinities in Art, Music, and Dance**

Credits: 3                      Grading Method: Regular,  
  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AASP498W     Special Topics in Black Culture; Washington and Prince George's History, Culture, and Public Policy**

Credits: 3                      Grading Method: Regular,  
  Pass-Fail, Audit

**Contact department for information to register for this course.**

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## **AAST      Asian American Studies    Spring 2017**

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**AAST200      Introduction to Asian American Studies**

Credits: 3                      Grading Method: Regular,                      CORE: SB, D  
  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AAST222      Immigration and Ethnicity in America**

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Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SH, D  
**Contact department for information to register for this course.**

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**AAST233                      Introduction to Asian American Literature**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HL, D  
**Contact department for information to register for this course.**

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**AAST378                      Experiential Learning**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AAST388                      Independent Research**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AAST398C                      Selected Topics in Asian American Studies; Politics of Transnational Adoption: Intersectional Analysis of Class, Race, Gender, and Nationality**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AAST398E                      Selected Topics in Asian American Studies; Growing Up Asian American: The Asian Immigrant Family and the Second Generation**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AAST398I                      Selected Topics in Asian American Studies; Asian American Mental Health**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AAST398J                      Selected Topics in Asian American Studies; New World Arrivals: Literature of Asian American Migration and Diaspora**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AAST398L Selected Topics in Asian American Studies; Asian American Film**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AAST398R Selected Topics in Asian American Studies; Cultural Imagination in the US-China Relations since 1785**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AAST498A Education and Counseling Issues for Asian Americans**

Credits: 3                      Grading Method: Regular,                      , D  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AAST498M Advanced Topics in Asian American Studies; Asian American Public Policy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AGNR      Agriculture and Natural Resources                      Spring 2017**

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**AGNR301 Sustainability**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AGNR388 Honors Thesis Research**

(Perm req)                      Credits: 3-6                      Grading Method: Regular

**Contact department for information to register for this course.**

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**AGNR489 Field Experience; Travel Study Seminar**

(Perm req)                      Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AMSC420 Mathematical Modeling**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**AMSC460 Computational Methods**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AMSC466 Introduction to Numerical Analysis I**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AMSC498A Selected Topics in Applied Mathematics**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AMSC661 Scientific Computing II**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMSC664 Advanced Scientific Computing II**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMSC674 Partial Differential Equations II**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**AMSC689 Research Interactions in Applied Mathematics and Scientific Computation**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**





Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HO, D  
**Contact department for information to register for this course.**

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**AMST120                      Race, Gender, and the Global Economy**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AMST202                      Cultures of Everyday Life in America**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SH  
**Contact department for information to register for this course.**

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**AMST203                      Popular Culture in America**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HO  
**Contact department for information to register for this course.**

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**AMST205                      Material Aspects of American Life**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HA  
**Contact department for information to register for this course.**

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**AMST212                      Diversity in American Culture**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AMST298C                      Introduction to Asian American Studies**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SB, D  
**Contact department for information to register for this course.**

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**AMST328N                      Perspectives on Identity and Culture; Introduction to Native American Cultures of the United States**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AMST328R Perspectives on Identity and Culture; Religion in American Culture**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**AMST328V Perspectives on Identity and Culture; Growing up Asian American: The Asian Immigrant Family and the Second Generation**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AMST340 Introduction to History, Theories and Methods in American Studies**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**AMST386 Experiential Learning**

(Perm req)

Credits: 3-6                      Grading Method: Regular

**Contact department for information to register for this course.**

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**AMST388 Honors Thesis**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**AMST398 Independent Studies**

(Perm req)

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**AMST398Z Independent Studies; Maryland Social Entrepreneur Corps I**

(Perm req)

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**AMST418H Cultural Themes in America; Cultural Themes in America-Honors**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**AMST418N Cultural Themes in America; Asian American Public Policy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AMST428G      American Cultural Eras; Myth and Memory: 2007**  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AMST429J      Perspectives on Popular Culture; Social Activism and Popular Culture**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AMST450      Seminar in American Studies**  
(Perm req)  
Credits: 3                      Grading Method: Regular      CORE: CS  
**Contact department for information to register for this course.**

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**AMST498B      Special Topics in American Studies; Fashion and Consumer Culture in the U.S.**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMST498F      Special Topics in American Studies; Postcolonialism**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMST498K      Special Topics in American Studies; Indigenous Thought in the Americas**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMST498M      Special Topics in American Studies; Latinas/os and U.S. Popular Culture**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMST498P      Special Topics in American Studies; Race and Nation in U.S. Cinema**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMST498X**      **Special Topics in American Studies; Ethnography**  
Credits: 3                  Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMST603**      **Current Approaches to American Studies**  
Credits: 3                  Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**AMST628A**      **Seminar in American Studies; Fashion and Consumer Culture in U.S.**  
Credits: 3                  Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**AMST628I**      **Seminar in American Studies; Myth and Memory: 2007**  
Credits: 3                  Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**AMST629E**      **Seminar in American Studies; Ethnography**  
Credits: 3                  Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMST629F**      **Seminar in American Studies; Extraordinary Bodies on Display: Theater, Freak Shows, and  
Ethnological Show Biz**  
(Perm req)                  Credits: 3                  Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**AMST629N**      **Seminar in American Studies; Comparative Race and Ethnicity**  
Credits: 3                  Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**AMST655**      **Introduction to Museum Scholarship**  
Credits: 3                  Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**AMST698 Directed Readings in American Studies**  
 (Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMST798 Non-Thesis Research**  
 Credits: 1-3 Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**AMST799 Master's Thesis Research**  
 Credits: 1-6 Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**AMST857 Museum Scholarship Practicum**  
 (Perm req) Credits: 3-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**AMST898 Pre-Candidacy Research**  
 Credits: 1-8 Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**AMST899 Doctoral Dissertation Research**  
 (Perm req) Credits: 6 Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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## **ANSC Animal Science Spring 2017**

**ANSC101 Principles of Animal Science**  
 Credits: 3 Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ANSC115 Careers in the Animal Sciences**  
 Credits: 1 Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ANSC120**

**Introduction to Dairy Judging**

Credits: 2          Grading Method: Regular,  
                         Audit

**Contact department for information to register for this course.**

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**ANSC212**

**Applied Animal Physiology**

Credits: 3          Grading Method: Regular,  
                         Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANSC214**

**Applied Animal Physiology Laboratory**

Credits: 1          Grading Method: Regular

**Contact department for information to register for this course.**

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**ANSC227**

**Eating with Eyes Wide Open**

Credits: 3          Grading Method: Regular,  
                         Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANSC232**

**Horse Management**

Credits: 3          Grading Method: Regular

**Contact department for information to register for this course.**

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**ANSC235**

**Applied Small Ruminant Parturition**

Credits: 2          Grading Method: Regular

**Contact department for information to register for this course.**

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**ANSC237**

**Equine Reproduction**

Credits: 3          Grading Method: Regular

**Contact department for information to register for this course.**

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**ANSC250**

**Companion Animal Care and Management**

Credits: 3          Grading Method: Regular,  
                         Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANSC260**

**Laboratory Animal Management**

Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**ANSC262            Commercial Poultry Management**

Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**ANSC315            Applied Animal Nutrition**

Credits: 3            Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ANSC327            Molecular and Quantitative Animal Genetics**

Credits: 3            Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ANSC340            Health Management of Animal Populations**

Credits: 3            Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ANSC379            Animal Science Undergraduate Teaching Assistant Seminar**

Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**ANSC388            Honors Thesis Research**

(Perm req)            Credits: 3-6            Grading Method: Regular  
**Contact department for information to register for this course.**

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**ANSC389            Experiential Learning**

(Perm req)            Credits: 3-6            Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**ANSC399            Special Problems in Animal Science**

(Perm req)            Credits: 1-2            Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANSC435 Experimental Embryology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANSC440 Zoonotic Diseases and Control**

Credits: 3                      Grading Method: Regular,  
Audit, Sat-Fail

**Contact department for information to register for this course.**

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**ANSC452 Avian Physiology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANSC453 Animal Welfare and Bioethics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANSC489 Current Topics in Animal Science**

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANSC4890 Current Topics in Animal Science; Nutritional Aspects of Metabolic Disease**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANSC627 Molecular and Quantitative Genetics**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ANSC660 Poultry Literature**



Credits: 1-4          Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ANSC688J          Special Topics; Zoonotic Diseases and Control**

Credits: 3          Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ANSC688O          Special Topics; Nutritional Aspects of Metabolic Disease**

Credits: 3          Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ANSC688W          Special Topics; Advanced Animal Welfare**

Credits: 1-4          Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

---

**ANSC698C          Seminar; Recent Advances in Animal and Avian Sciences**

Credits: 1          Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ANSC699          Special Problems in Animal Science**  
(Perm req)  
Credits: 1-2          Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ANSC799          Master's Thesis Research**

Credits: 1-6          Grading Method: Regular  
**Contact department for information to register for this course.**

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**ANSC898          Pre-Candidacy Research**

Credits: 1-8          Grading Method: Regular  
**Contact department for information to register for this course.**

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**ANSC899          Doctoral Dissertation Research**

(Perm req)

Credits: 6

Grading Method: Regular

Contact department for information to register for this course.

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## **ANTH Anthropology**

**Spring 2017**

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**ANTH222 Introduction to Ecological and Evolutionary Anthropology**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit                      CORE: LL

Contact department for information to register for this course.

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**ANTH240 Introduction to Archaeology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit                      CORE: SB, D

Contact department for information to register for this course.

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**ANTH260 Introduction to Sociocultural Anthropology and Linguistics**

Credits: 3                      Grading Method: Regular,  
Audit                      CORE: SB, D

Contact department for information to register for this course.

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**ANTH265 Anthropology of Global Health**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit                      CORE: SB

Contact department for information to register for this course.

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**ANTH266 Changing Climate, Changing Cultures**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit                      CORE: SB

Contact department for information to register for this course.

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**ANTH310 Method & Theory in Medical Anthropology and Global Health**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**ANTH323 Plagues, Pathogens and Public Policy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**ANTH340**      **Method and Theory in Archaeology**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ANTH341**      **Introduction to Zooarchaeology**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

---

**ANTH358A**      **Undergraduate Teaching Assistant; Undergraduate Teaching Assistant in Archaeology**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

---

**ANTH358B**      **Undergraduate Teaching Assistant; Undergraduate Teaching Assistant in Bio-Anthropology**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ANTH358C**      **Undergraduate Teaching Assistant; Undergraduate Teaching Assistant in Cultural Anthropology**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ANTH360**      **Method and Theory in Sociocultural Anthropology**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ANTH386**      **Experiential Learning**  
(Perm req)  
Credits: 1-6                      Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**ANTH398A**      **Independent Study; Research Problems**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular  
**Contact department for information to register for this course.**



**Contact department for information to register for this course.**

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**ANTH469L      Advanced Special Topics in Cultural Anthropology; Postcolonialism**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANTH471      Human Difference, Cultural Understanding and Social Healing**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANTH476      Senior Research**

(Perm req)

Credits: 3-4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANTH477      Senior Thesis**

(Perm req)

Credits: 3-4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ANTH485      Honors Research Preparation**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ANTH486      Honors Research**

(Perm req)

Credits: 3-4                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ANTH487      Honors Thesis**

(Perm req)

Credits: 3-4                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ANTH613      Health Disparities in the United States**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**



**Contact department for information to register for this course.**

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**ANTH671 Human Difference, Cultural Understanding & Social Healing**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ANTH688A Current Developments in Anthropology**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ANTH688O Current Developments in Anthropology; Performance Studies**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ANTH689A Special Problems in Anthropology**  
(Perm req) Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ANTH701 Anthropology Internship Preparation**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ANTH712 Anthropology Internship Analysis**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ANTH722 Ecological Anthropology**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ANTH740 Theories of the Past and Accomplishments of Archaeology**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ANTH788 Internship Research**  
(Perm req) Credits: 1-3 Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**ANTH789 Internship**  
(Perm req) Credits: 3-6 Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**ANTH857 Museum Scholarship Practicum**  
(Perm req) Credits: 3-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ANTH898 Pre-Candidacy Research**  
Credits: 1-8 Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**ANTH899 Doctoral Dissertation Research**  
(Perm req) Credits: 6 Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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## **AOSC Atmospheric and Oceanic Science Spring 2017**

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**AOSC123 Causes and Implications of Global Change**  
Credits: 3 Grading Method: Regular, Pass-Fail, Audit CORE: PS  
**Contact department for information to register for this course.**

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**AOSC200 Weather and Climate**  
Credits: 3 Grading Method: Regular, Pass-Fail, Audit CORE: PS  
**Contact department for information to register for this course.**

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**AOSC201 Weather and Climate Laboratory**



Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: PL  
**Contact department for information to register for this course.**

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**AOSC347                      Computing and Data Analysis: Deciphering Climate Change Clues**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AOSC401                      Climate Dynamics and Earth System Science**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AOSC424                      Remote Sensing of the Atmosphere and Ocean**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AOSC432                      Dynamics of the Atmosphere and Ocean**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AOSC433                      Atmospheric Chemistry and Climate**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AOSC472                      Mesoscale Meteorology**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AOSC494                      Atmospheric and Oceanic Science Seminar**

Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AOSC498 Senior Research Project II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AOSC499 Special Problems in Atmospheric Science**  
Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AOSC602 Mesoscale Meteorology**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**AOSC611 Dynamics of the Atmosphere and Oceans II**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**AOSC617 Atmospheric and Oceanic Climate**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**AOSC621 Physics and Chemistry of the Atmosphere II**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**AOSC624 Remote Sensing of Surface Climate**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**AOSC625 Remote Inference of Atmospheric Properties by Satellite**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**



**ARAB105 Elementary Modern Standard Arabic III-IV**  
Credits: 6 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARAB205 Intermediate Modern Standard Arabic II**  
Credits: 6 Grading Method: Regular, CORE: HO  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARAB207 Egyptian Colloquial Arabic II**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARAB305 Advanced Modern Standard Arabic II**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARAB399 Independent Study In Arabic**  
Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARAB399A Independent Study In Arabic; Practicum in Arabic**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARAB401 Readings in Arabic Literature**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARAB499A Special Topics in Arabic Studies; Arab Cultures, Societies and Ideologies**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARAB499K Special Topics in Arabic Studies; Roots and Patterns: Verb Meaning in Arabic**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARAB499M Special Topics in Arabic Studies; Egyptian Cinema and the Making of Modern Egypt**

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARAB499P Special Topics in Arabic Studies; Facing West: Al-Jabarti to Bin Laden**

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARCH Architecture**

**Spring 2017**

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**ARCH200 Design Media and Representation I**

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARCH225 History of World Architecture I**

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARCH271 People, Planet, and Profit: Building Sustainable Places**

Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARCH289I Sustainability at College Park**

Credits: 3 Grading Method: Regular, Pass-Fail, Audit CORE: IE  
**Contact department for information to register for this course.**

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**ARCH386**      **Experiential Learning**  
(Perm req)      Credits: 3-6      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**ARCH400**      **Architecture Design Studio I**  
Credits: 6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARCH401**      **Architecture Design Studio II**  
(Perm req)      Credits: 6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARCH403**      **Architecture Design Studio IV**  
Credits: 6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARCH405**      **Graduate Architecture Design Studio II**  
Credits: 6      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARCH407**      **Graduate Architecture Design IV**  
Credits: 6      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARCH413**      **Architecture Technology IV**  
Credits: 4      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARCH418A**      **Selected Topics in Architectural Technology; Zero Energy & Zero Impact Building Design**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**



Contact department for information to register for this course.

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**ARCH463 Sustainable Systems in Architecture**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**ARCH465 Architectural Structures II**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**ARCH470 Computer Applications in Architecture**

(Perm req)                      Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**ARCH472 Building Information Modeling Communication and Collaboration**

(Perm req)                      Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**ARCH478C Selected Topics in Architecture; Careers in Architecture**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**ARCH478E Selected Topics in Architecture; Advanced Building Construction**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**ARCH601 Topical Design Studio VI**

(Perm req)                      Credits: 6                      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**ARCH628A Selected Topics in Architectural History; Digital Heritage Preservation**

Credits: 3                      Grading Method: Regular,  
Audit



Contact department for information to register for this course.

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**ARCH635 Seminar in the History of Modern Architecture**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**ARCH654 Urban Development and Design Theory**

(Perm req) Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**ARCH678E Advanced Selected Topics in Architecture; Advanced Building Construction**

Credits: 4 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**ARCH678J Advanced Selected Topics in Architecture; Architecture & Cinema: Place & Film**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**ARCH678W Advanced Selected Topics in Architecture; ULI Seminar**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**ARCH679 Advanced Independent Studies in Architecture; Independent Study in Architecture**

Credits: 1-4 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**ARCH688A Advanced Selected Topics in Architectural Technologies; Zero Energy & Zero Impact Building Design**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**ARCH797 Thesis Proseminar**

Credits: 3                Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ARCH798                Thesis in Architecture**

(Perm req)                Credits: 3                Grading Method: Regular

**Contact department for information to register for this course.**

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**ARCH799                Master's Thesis Research**

Credits: 1-6                Grading Method: Regular

**Contact department for information to register for this course.**

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**AREC                Agricultural and Resource  
                               Economics**

**Spring 2017**

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**AREC326                Intermediate Applied Microeconomics**

Credits: 3                Grading Method: Regular

**Contact department for information to register for this course.**

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**AREC365                World Hunger, Population, and Food Supplies**

Credits: 3                Grading Method: Regular,                , D  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AREC386                Experiential Learning**

(Perm req)                Credits: 3-6                Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**AREC388                Honors Thesis Research**

(Perm req)                Credits: 3-6                Grading Method: Regular

**Contact department for information to register for this course.**

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**AREC399                Special Problems**

Credits: 1-3                Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**AREC405**      **Economics of Production**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AREC427**      **Economics of Commodity Marketing Systems**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AREC435**      **Commodity Futures and Options**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AREC454**      **The Economics of Climate Change**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AREC489L**      **Special Topics in Agricultural and Resources Economics; Agricultural Water Quality, Policy and Legal Issues**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AREC489P**      **Special Topics in Agricultural and Resources Economics; Economics of Local Agriculture: Innovative Food Distribution Channels**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**AREC610**      **Microeconomic Applications in Agricultural and Resource Markets**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**AREC624**      **Applied Econometrics II**  
Credits: 4      Grading Method: Regular,  
Audit



(Perm req) Credits: 3-6 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**ARHU318A Writers' House Colloquium: Creative Writing Across Languages and Cultures; Poetry Colloquium**

(Perm req) Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARHU318B Writers' House Colloquium: Creative Writing Across Languages and Cultures; Prose Colloquium**

(Perm req) Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARHU318W Writers' House Colloquium: Creative Writing Across Languages and Cultures; Screenwriting/Scriptwriting**

(Perm req) Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARHU320 Writers' House Second Year Colloquium: Writing for Publication**

(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARHU338 Undergraduate Teaching Assistantship in a Living Learning Program**

(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARHU386 Experiential Learning**

(Perm req) Credits: 3-6 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**ARHU439J Interdisciplinary Studies in Arts and Humanities; Social Activism and Popular Culture**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARHU468 Peer Mentoring Program**

(Perm req) Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARHU486 Internship Practicum in Arts and Humanities**  
(Perm req) Credits: 3-6 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**ARHU489 Advanced Internship Practicum in ARHU**  
(Perm req) Credits: 3-6 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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## **ARMY Army** **Spring 2017**

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**ARMY105 Basic Military Science II**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARMY202 Military Leadership in Practice**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARMY302 Advanced Military Leadership II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARMY402 Advanced Military Leadership IV**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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## **ARSC Air Science** **Spring 2017**

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**ARSC059 Air Force Officer Lab**  
Credits: 1 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**ARSC101**      **The USAF Today II**  
Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARSC201**      **The Development of Air Power II**  
Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARSC301**      **Management and Leadership II**  
(Perm req)  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARSC399**      **Independent Study in Air and Space Power Implementation**  
Credits: 1-3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARSC401**      **National Security Forces in Contemporary American Society II**  
(Perm req)  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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## **ARTH**      **Art History & Archaeology**      **Spring 2017**

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**ARTH200**      **Art and Society in Ancient and Medieval Europe and the Mediterranean**  
Credits: 3              Grading Method: Regular,      CORE: HA  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTH201**      **Art and Society in the West from the Renaissance to the Present**  
Credits: 3              Grading Method: Regular,      CORE: HA  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTH230**      **Symbols and Symbolic Language in Western Art and Visual Culture, 1400-1750**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTH290 Art and Society in Asia**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HA, D

**Contact department for information to register for this course.**

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**ARTH301 Aegean Art and Archaeology**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTH330 Seventeenth-Century European Art**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTH346 Nineteenth-Century European Art from 1850**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTH350 Twentieth-Century Art to 1945**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTH359D Film as Art; Horror Film and the Idea of Evil**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTH361 American Art Since 1876**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTH370 Latin American Art and Archaeology before 1500**



Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTH386                    Experiential Learning**  
  
Credits: 3-6                    Grading Method: Regular,  
                                  Pass-Fail  
**Contact department for information to register for this course.**

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**ARTH389B                Special Topics in Art History and Archaeology; The Art of Color: A Left and Right Brain Experience**  
  
Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

---

**ARTH389N                Special Topics in Art History and Archaeology; Art in the Age of Great Explorations**  
  
Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTH488A                Colloquium in Art History; Ancient Mediterranean Portraiture**  
  
Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTH488B                Colloquium in Art History; Symbolism in France: Paul Gauguin and his milieu (1870-1900)**  
  
Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

---

**ARTH489G                Special Topics in Art History; Depth and Surface in Modern and Contemporary Art**  
  
Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTH489K                Special Topics in Art History; Art and the Museum World**  
  
Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

---

**ARTH498**      **Directed Studies in Art History I**  
(Perm req)      Credits: 2-3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTH499**      **Honors Thesis**  
(Perm req)      Credits: 3-6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTH608**      **Studies in Ancient Art and Archaeology**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTH739F**      **Seminar in Seventeenth-Century Northern European Art; Collecting History and Provenance Research in Methodology**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTH759F**      **Seminar in Twentieth-Century Art; Modernisms Between the Wars**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTH798**      **Directed Graduate Studies in Art History**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTH799**      **Master's Thesis Research**  
(Perm req)      Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARTH898**      **Pre-Candidacy Research**  
(Perm req)      Credits: 1-8      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARTH899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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## **ARTT**

## **Art Studio**

**Spring 2017**

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**ARTT100**      **Two-Dimensional Design Fundamentals**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT110**      **Elements of Drawing I**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT150**      **Introduction to Art Theory**  
Credits: 3      Grading Method: Regular,      CORE: HA  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT200**      **Three-Dimensional Art Fundamentals**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT210**      **Elements of Drawing II**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT255**      **Introduction to Digital Art and Design Processes**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT260**      **Dangerous Art: Censorship or Subsidy**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**



**Contact department for information to register for this course.**

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**ARTT343 Elements of Printmaking: Screen Printing**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT343H Elements of Printmaking: Screen Printing**

(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT357 Interactive Design**

(Perm req)  
Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ARTT361 Design Literacy: Decoding Our Visual Culture**

(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT370 Elements of Digital Media**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT386 Experiential Learning**

(Perm req)  
Credits: 3-6                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**ARTT389 Department of Art Undergraduate Teaching Assistantship**

(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT399 Department of Art Research Assistantship**

(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT418B      Advanced Drawing Studio; Advanced Drawing: Contemporary Approach**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT418H      Advanced Drawing Studio; Honors Advanced Drawing**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT428      Advanced Painting Studio; Advanced Painting**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT428H      Advanced Painting Studio; Honors Advanced Painting**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT438A      Advanced Sculpture Studio; Advanced Metal Casting**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT438B      Advanced Sculpture Studio; Steel and Mixed Media**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT438D      Advanced Sculpture Studio; Advanced Sculpture in Wood and Mixed Media**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ARTT438H      Advanced Sculpture Studio; Honors Advanced Sculpture**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT448E Advanced Printmaking Studio; Advanced Screen Printing**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT448F Advanced Printmaking Studio; Woodcut and Mixed Media**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT448H Advanced Printmaking Studio; Honors Advanced Printmaking**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT455 Three Dimensional Graphic Design**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARTT458 Graphic Design Portfolio; Advanced Graphic Design**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARTT479A Advanced Digital Media Studio; Code and Form**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT479C Advanced Digital Media Studio; Sound Art: Practice and Theory**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT479H Advanced Digital Media Studio; Honors Advanced Digital Media**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT481 Advanced Specialization Seminar**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ARTT489N Advanced Special Topics in Art; Design in Illustration**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT498A Directed Studies in Studio Art**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT498B Directed Studies in Studio Art**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT498H Directed Studies in Studio Art; Honors Thesis**  
(Perm req) Credits: 2-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ARTT618 Drawing; Drawing**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT628 Painting; Painting**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT638 Sculpture; Sculpture**



(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT648 Printmaking; Printmaking**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT698A Directed Graduate Studies in Studio Art**  
(Perm req) Credits: 1-4 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT698B Directed Graduate Studies in Studio Art**  
(Perm req) Credits: 1-4 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT698C Directed Graduate Studies in Studio Art; Graduate Teaching Practicum**  
(Perm req) Credits: 1-4 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT699A Directed Graduate Studies in Studio Art**  
(Perm req) Credits: 1-4 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT699B Directed Graduate Studies in Studio Art**  
(Perm req) Credits: 1-4 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT718 Drawing; Drawing**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT728 Painting; Painting**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT738 Sculpture; Sculpture**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT748 Printmaking; Printmaking**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT768 Graduate Colloquium**  
(Perm req) Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT798A Directed Graduate Studies in Studio Art**  
(Perm req) Credits: 1-4 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT798B Directed Graduate Studies in Studio Art**  
(Perm req) Credits: 1-4 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ARTT799 Master's Thesis Research**  
Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ASTR Astronomy** **Spring 2017**

**ASTR100 Introduction to Astronomy**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit CORE: PS  
**Contact department for information to register for this course.**



**Contact department for information to register for this course.**

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**ASTR320      Theoretical Astrophysics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**ASTR330      Solar System Astronomy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ASTR340      Origin of the Universe**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ASTR380      Life in the Universe - Astrobiology**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ASTR398B      Special Topics in Astronomy; Black Holes**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ASTR399      Honors Seminar**

(Perm req)

Credits: 1-16                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ASTR421      Galaxies**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ASTR498      Special Problems in Astronomy**

(Perm req) Credits: 1-6 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ASTR498N Special Problems in Astronomy; Stellar Structure and Evolution**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ASTR670 Interstellar Medium and Gas Dynamics**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ASTR680 High Energy Astrophysics**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ASTR699 Special Problems in Advanced Astronomy**  
(Perm req) Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

---

**ASTR799 Master's Thesis Research**  
Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ASTR898 Pre-Candidacy Research**  
Credits: 1-8 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ASTR899 Doctoral Dissertation Research**  
(Perm req) Credits: 6 Grading Method: Regular  
**Contact department for information to register for this course.**

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## **BCHM Biochemistry**

**Spring 2017**

**BCHM461 Biochemistry I**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BCHM462            Biochemistry II**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BCHM463            Biochemistry of Physiology**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**BCHM464            Biochemistry Laboratory**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BCHM465            Biochemistry III**

Credits: 3                    Grading Method: Regular,            CORE: CS  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BCHM485            Physical Biochemistry**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BCHM669L            Special Topics in Biochemistry; Introduction to Structure Determination I: X-ray Crystallography and Complimentary Approaches**

Credits: 2                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**BCHM675            Biophysical Chemistry**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**BCHM676**      **Biological Mass Spectrometry**  
Credits: 3      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**BCHM698**      **Literature Seminar in Biochemistry**  
Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BCHM699**      **Special Problems in Biochemistry**  
Credits: 1-6      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**BCHM799**      **Master's Thesis Research**  
Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BCHM889A**      **Seminar; Biochemistry**  
Credits: 1      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**BCHM889B**      **Seminar**  
Credits: 1-3      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**BCHM889D**      **Seminar; Enzymology of Recombination**  
(Perm req)      Credits: 1      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**BCHM889F**      **Seminar; Bacterial Spores**  
(Perm req)      Credits: 1      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**BCHM889G Seminar; Biological Mass Spectrometry**  
(Perm req) Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BCHM889M Seminar; Modern Methods in NMR and Structural Biology**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BCHM898 Pre-Candidacy Research**  
Credits: 1-8 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BCHM899 Doctoral Dissertation Research**  
(Perm req) Credits: 6 Grading Method: Regular  
**Contact department for information to register for this course.**

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## **BIOE Bioengineering Spring 2017**

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**BIOE120 Biology for Engineers**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BIOE121 Biology for Engineers Laboratory**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BIOE221 Introduction to the Bioengineering Major**  
(Perm req) Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BIOE232 Bioengineering Thermodynamics**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**





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**BIOE404**      **Biomechanics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BIOE411**      **Tissue Engineering**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BIOE420**      **Bioimaging**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BIOE431**      **Fundamentals of Biosensor Techniques, Instrumentation, and Applications**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BIOE437**      **Computer-Aided Design in Bioengineering**  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**BIOE453**      **Biomaterials**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BIOE457**      **Biomedical Electronics & Instrumentation**  
(Perm req)  
Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BIOE461**      **Synthetic Biology and Biological Engineering**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**Contact department for information to register for this course.**

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**BIOE640 Polymer Physics**

Credits: 3            Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

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**BIOE689 Special Topics in Bioengineering**

Credits: 1-3            Grading Method: Regular

**Contact department for information to register for this course.**

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**BIOE689M Special Topics in Bioengineering; Physiology of Bioengineers**

Credits: 3            Grading Method: Regular

**Contact department for information to register for this course.**

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**BIOE689N Special Topics in Bioengineering; Bionanotechnology**

Credits: 3            Grading Method: Regular

**Contact department for information to register for this course.**

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**BIOE689W Special Topics in Bioengineering; Biomedical Device Development**

Credits: 3            Grading Method: Regular

**Contact department for information to register for this course.**

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**BIOE799 Master's Thesis Research**

Credits: 1-6            Grading Method: Regular, Sat-  
  Fail

**Contact department for information to register for this course.**

---

**BIOE898 Pre-Candidacy Research**

Credits: 1-8            Grading Method: Regular, Sat-  
  Fail

**Contact department for information to register for this course.**

---

**BIOE899 Doctoral Dissertation Research**

(Perm req)

Credits: 6            Grading Method: Regular, Sat-  
  Fail

**Contact department for information to register for this course.**

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**BIOL600 Ethics in Scientific Research**  
(Perm req) Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BIOL608L Biology Seminar; Readings in Genetics**  
Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BIOL608M Biology Seminar; Population Genomics**  
Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BIOL608Q Biology Seminar; Readings in Neurophysiology**  
(Perm req) Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BIOL609 Special Problems in Biology**  
Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BIOL708A Advanced Topics in Biology; Cell Biology**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BIOL708E Advanced Topics in Biology; Diseases of the Nervous System**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BIOL708V Advanced Topics in Biology; Hearing II, Translational Issues**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BIOL708X Advanced Topics in Biology; Sexual Selection in Nature**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**



Credits: 1-3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BIOM698      Special Problems in Biometrics**  
  
Credits: 1-3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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## **BIPH      Biophysics      Spring 2017**

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**BIPH698L      Biophysics Seminar; Biophysics**  
  
Credits: 1      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BIPH699      Research in Biophysics**  
  
Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BIPH708B      Advanced Topics in Biophysics; integrative Cancer Research Seminar**  
  
Credits: 1      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BIPH898      Pre-Candidacy Research**  
(Perm req)  
Credits: 1-8      Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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**BIPH899      Doctoral Dissertation Research**  
(Perm req)  
Credits: 6      Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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## **BISI      Biological Sciences      Spring 2017**

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**BISI688B      Special Topics in Biological Sciences; Bioethics**  
  
Credits: 1-4      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**BISI799 Master's Thesis Research**

Credits: 1-6                      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

---

**BISI898 Pre-Candidacy Research**

Credits: 1-8                      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

---

**BISI899 Doctoral Dissertation Research**

(Perm req)

Credits: 6                      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

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**BMGT Business and Management**

**Spring 2017**

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**BMGT110 Introduction to the Business Value Chain**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit                      CORE: IE

Contact department for information to register for this course.

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**BMGT110S Introduction to the Business Value Chain**

Credits: 3                      Grading Method: Regular                      CORE: IE

Contact department for information to register for this course.

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**BMGT190H Introduction to Design and Quality**

Credits: 4                      Grading Method: Regular

Contact department for information to register for this course.

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**BMGT210 Foundations of Accounting for Non Business Majors**

Credits: 2                      Grading Method: Regular

Contact department for information to register for this course.

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**BMGT220 Principles of Accounting I**

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.



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**BMGT220H**      **Principles of Accounting I**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT221**      **Principles of Accounting II**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT221H**      **Principles of Accounting II**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT230**      **Business Statistics**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT230B**      **Business Statistics**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT289A**      **Social Enterprise: Changing the World through Innovation and Transformative Action**  
Credits: 3              Grading Method: Regular,      CORE: SB  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BMGT289B**      **How Do Innovators Think?**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT289D**      **Frauds, Scams, and Thefts: What, How and Why?**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT289E**      **Entrepreneurial Thinking for Non-Business Majors: How Not to Miss Great Opportunities Your Life Throws at You**  
Credits: 3              Grading Method: Regular      CORE: IE  
**Contact department for information to register for this course.**

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**BMGT289F**      **Is America Destined to Fall by 2076?**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT289I**      **Why Good Managers Make Bad Decisions**  
Credits: 3              Grading Method: Regular      CORE: MS  
**Contact department for information to register for this course.**

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**BMGT289L**      **The Proper Role of Government in a Free Enterprise System**  
Credits: 3              Grading Method: Regular      CORE: SB  
**Contact department for information to register for this course.**

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**BMGT301**      **Introduction to Information Systems**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

---

**BMGT301F**      **Introduction to Information Systems**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT302**      **Designing Applications for Business Analytics**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT310**      **Intermediate Accounting I**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT311**      **Intermediate Accounting II**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT313**      **Financial Statement Analysis**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT321**      **Managerial Accounting**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT323**      **Taxation of Individuals**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT326**      **Accounting Systems**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT332**      **Operations Research For Management Decisions**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT340**      **Business Finance**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT340N**      **Business Finance**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT341**      **Financial Markets**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT341F**      **Financial Markets**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT342F**      **Wall Street Finance**  
(Perm req)              Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT343**      **Investments**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT345      Foundations of Financial Management for Non Business Majors**

Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

---

**BMGT349F      Private Equity and Venture Capital; Private Equity and Venture Capital**

(Perm req)  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT350      Marketing Principles and Organization**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT350N      Marketing Principles and Organization**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT352      Customer-Centric Innovation**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT352M      Customer-Centric Innovation**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT353      Retail Management**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT355      Foundations of Marketing for Non Business Majors**

Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

---

**BMGT360      Strategic Management of Human Capital**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT363 Leadership and Teamwork in Organizations**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT363F Leadership and Teamwork in Organizations**  
(Perm req) Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT364 Managing People and Organizations**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT364H Managing People and Organizations**  
(Perm req) Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT364N Managing People and Organizations**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT365 Entrepreneurial Finance and Private Equity**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT367 Career Search Strategies in Business**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT367F Career Search Strategies in Business**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT369A Experiential Learning in Business Innovation and Entrepreneurship**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT369C**      **Experiential Learning in Business Innovation and Entrepreneurship; The Power of Persuasion and Influence**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT370**      **Introduction to Transportation**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT372**      **Introduction to Logistics and Supply Chain Management**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT380**      **Business Law I**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT380H**      **Business Law I**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT380N**      **Business Law I**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT381**      **Business Law II**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT385**      **Operations Management**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT390H**      **Systems Thinking for Managerial Decision Making**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT392**      **Introduction to International Business Management**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT395**      **Foundations of Management for Non Business Majors**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT397**      **Mentoring Design and Quality Teams**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BMGT398**      **Individual Study in Business and Management**  
(Perm req)              Credits: 1-3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT398A**      **Individual Study in Business and Management; Internship**  
(Perm req)              Credits: 1-3              Grading Method: Regular,  
                                 Pass-Fail  
**Contact department for information to register for this course.**

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**BMGT398E**      **Individual Study in Business and Management; Maryland Social Entrepreneur Corps I**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT402**      **Database Systems**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT402F**      **Database Systems**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT403**      **Systems Analysis and Design**  
Credits: 3              Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT404 Essential Data Skills for Business Analytics**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT407 Information Systems Projects**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT408D Emerging Topics in Information Systems; Google Challenge and Analytics**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT410 Government Accounting**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

---

**BMGT411 Ethics and Professionalism in Accounting**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

---

**BMGT417 Taxation of Corporations, Partnerships and Estates**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

---

**BMGT422 Auditing Theory and Practice**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT423 Fraud Examination**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

---

**BMGT424 Advanced Accounting**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**



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**BMGT430**      **Linear Statistical Models in Business**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT431**      **Data Analytics**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT434**      **Introduction to Optimization**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT435**      **Business Process Simulation**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT438G**      **Special Topics in Operations Management; Design and Innovation in Silicon Valley**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT440**      **Advanced Financial Management**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT440F**      **Advanced Financial Management**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT441**      **Fixed Income**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT442F**      **Advanced Portfolio Management**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT443**      **Applied Equity Analysis and Portfolio Management**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT444**      **Futures and Options Contracts**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT445**      **Banking and Financial Institutions**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT445F**      **Banking and Financial Institutions**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT446**      **International Finance**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT447**      **Computational Finance**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT448L**      **Special Topics in Finance; Hedge Fund Management**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT449F**      **Investment Fund Management: Lemma Senbet Fund; Investment Fund Management**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT450**      **Integrated Marketing Communications**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT451**      **Consumer Analysis**

Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT452            Marketing Research Methods**  
Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT454            Global Marketing**  
Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT455            Sales Management**  
Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT457            Marketing Policies and Strategies**  
Credits: 3            Grading Method: Regular            CORE: CS  
**Contact department for information to register for this course.**

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**BMGT458K            Special Topics in Marketing; Big Data and Technology: Strategic Imperatives for the Hospitality Industry**  
(Perm req) Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT461            Entrepreneurship**  
Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT461M            Entrepreneurship**  
Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT461N            Entrepreneurship**  
Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT463            Cross-cultural Challenges in Business**

Credits: 3          Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT466          Global Business Strategy**

Credits: 3          Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT468P          Special Topics in Management and Organization; Practicum in Global Business**

Credits: 3          Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT468R          Special Topics in Management and Organization; Fearless Founders: New Venture Practicum**

(Perm req)  
Credits: 3          Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BMGT468T          Special Topics in Management and Organization; Creativity for Business Leaders and Entrepreneurs Outdoor Edition**

Credits: 3          Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT468U          Special Topics in Management and Organization; Fearless Founders: Social Entrepreneurship Laboratory**

Credits: 3          Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT468W          Special Topics in Management and Organization; Social Innovation Practicum**

Credits: 3          Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT470          Carrier Management**

Credits: 3          Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT472          Purchasing and Inbound Logistics**

Credits: 3          Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT476 Technology Applications in Supply Chain Management**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT477 International Supply Chain Management**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT478C Special Topics in Supply Chain Management; Supply Chain Risk Management**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT478D Special Topics in Supply Chain Management; Applied Research in Intermodal Transportation and Logistics**  
(Perm req) Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT484 Digital Marketing**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT485 Project Management**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT488F Special Topics in Logistics, Business, and Public Policy; Introduction to Sports Management II**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT490H Quest Consulting and Innovation Practicum**  
Credits: 4                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT491 Defining Consulting and Innovation Projects**  
Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**BMGT494H Honors Study**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT495 Strategic Management**  
Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**BMGT495H Strategic Management**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**BMGT496 Business Ethics and Society**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT497 Strategic Management for Non Business Majors**  
Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT498L Special Topics in Business and Management; Innovo Consulting Practicum: Transform Learning**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT498M Special Topics in Business and Management; Business Consulting: Social Enterprise & Impact Organizations**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BMGT808J Special Topics in Information Systems; Institutions, Firms, and Collectives**  
Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BMGT808K Special Topics in Information Systems; Quality Transparency and the Value of Information**



<b>BMGT838A</b>	<b>Special Topics in Operations Management/Management Science; Economics of Operations Management: Theory and Empirical Analysis</b>
Credits: 3	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	
<hr/>	
<b>BMGT838E</b>	<b>Special Topics in Operations Management/Management Science; Stochastic Optimization</b>
Credits: 3	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	
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<b>BMGT838O</b>	<b>Special Topics in Operations Management/Management Science; Seminar in Operations Management</b>
Credits: 3	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	
<hr/>	
<b>BMGT838R</b>	<b>Special Topics in Operations Management/Management Science; Research Seminar in Decision, Operations and Information Technologies</b>
Credits: 1	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	
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<b>BMGT843</b>	<b>Seminar in Portfolio Theory</b>
Credits: 3	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	
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<b>BMGT848B</b>	<b>Special Topics in Finance; Financial Research Methods</b>
Credits: 1	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	
<hr/>	
<b>BMGT848F</b>	<b>Special Topics in Finance; Workshop in Finance Research</b>
Credits: 1	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	
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<b>BMGT848M</b>	<b>Special Topics in Finance; Seminar in Market Microstructure</b>



Credits: 3            Grading Method: Regular,  
                            Audit  
**Contact department for information to register for this course.**

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**BMGT858I      Special Topics in Marketing; Information Processing**  
  
Credits: 2            Grading Method: Regular,  
                            Audit  
**Contact department for information to register for this course.**

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**BMGT858J      Special Topics in Marketing; Structural Models**  
  
Credits: 2            Grading Method: Regular,  
                            Audit  
**Contact department for information to register for this course.**

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**BMGT858R      Special Topics in Marketing; Marketing Research Seminar**  
  
Credits: 1            Grading Method: Regular,  
                            Audit  
**Contact department for information to register for this course.**

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**BMGT868A      Special Topics in Organizational Behavior/Human Resource Management; Social Networks**  
  
Credits: 1            Grading Method: Regular,  
                            Audit  
**Contact department for information to register for this course.**

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**BMGT868C      Special Topics in Organizational Behavior/Human Resource Management; Career and Professionalization Workshop in Management and Organization**  
  
Credits: 1            Grading Method: Regular,  
                            Audit  
**Contact department for information to register for this course.**

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**BMGT868D      Special Topics in Organizational Behavior/Human Resource Management; Decision Making**  
  
Credits: 2            Grading Method: Regular,  
                            Audit  
**Contact department for information to register for this course.**

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**BMGT868O      Special Topics in Organizational Behavior/Human Resource Management; Organizational Behavior Foundations**  
  
Credits: 2            Grading Method: Regular,  
                            Audit  
**Contact department for information to register for this course.**

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**BMGT868P Special Topics in Organizational Behavior/Human Resource Management; Organizational Behavior and Human Resource Management Presentations**

Credits: 1                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**BMGT878C Special Topics in Strategic Management and Entrepreneurship; Cross Disciplinary Workshop in Strategy and Entrepreneurship**

Credits: 1                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**BMGT878E Special Topics in Strategic Management and Entrepreneurship; Overview of Strategy and Entrepreneurship**

Credits: 2                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**BMGT878I Special Topics in Strategic Management and Entrepreneurship; Overview of Innovation and Entrepreneurship**

Credits: 2                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**BMGT878L Special Topics in Strategic Management and Entrepreneurship; Strategy and Entrepreneurship Issues Related to Limited Asymmetric Information**

Credits: 2                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**BMGT878P Special Topics in Strategic Management and Entrepreneurship; Strategy and Entrepreneurship PhD Presentations**

Credits: 1                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**BMGT888E Special Topics in Supply Chain Management; Seminar in Supply Chain Management Research**

Credits: 3                    Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT888P Special Topics in Supply Chain Management; People and Performance**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT888W Special Topics in Supply Chain Management; Workshop in Supply Chain Management**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT898 Pre-Candidacy Research**

Credits: 1-8                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BMGT899 Doctoral Dissertation Research**

(Perm req)

Credits: 6                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BSCI Biological Sciences Program**

**Spring 2017**

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**BSCI103 The World of Biology**

Credits: 4                      Grading Method: Regular                      CORE: LL

**Contact department for information to register for this course.**

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**BSCI103M The World of Biology**

(Perm req)

Credits: 4                      Grading Method: Regular                      CORE: LL

**Contact department for information to register for this course.**

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**BSCI120 Insects**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit                      CORE: LS

**Contact department for information to register for this course.**

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**BSCI124 Plant Biology for Non-Science Students**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI125 Plant Biology Laboratory**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI160                      Principles of Ecology and Evolution**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI161                      Principles of Ecology and Evolution Lab**  
  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BSCI170                      Principles of Molecular & Cellular Biology**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI170C                      Principles of Molecular & Cellular Biology**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI171                      Principles of Molecular & Cellular Biology Laboratory**  
  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BSCI171S                      Principles of Molecular & Cellular Biology Laboratory**  
  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BSCI201                      Human Anatomy and Physiology I**  
  
Credits: 4                      Grading Method: Regular,                      CORE: LL  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI202                      Human Anatomy and Physiology II**  
  
Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI207 Principles of Biology III - Organismal Biology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI222 Principles of Genetics**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI223 General Microbiology**

Credits: 4                      Grading Method: Regular,                      CORE: LL  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI258 College Park Scholars Internship**

Credits: 2                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI279 Supplemental Study; Supplemental Study in Biology**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI279C Supplemental Study; Catalyst Program Seminar**

(Perm req)

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BSCI279H Supplemental Study; Catalyst Program Seminar**

(Perm req)

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BSCI279P Supplemental Study; Undergraduate Teaching Seminar**

(Perm req)

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI279Q Supplemental Study; Readings in Neurophysiology**

(Perm req)

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI279R Supplemental Study; Undergraduate Research Rotation**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI279T Supplemental Study; BSCI Learning Assistants**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI283 Principles of Microbiology**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI288 Internship; Field Experience**

(Perm req)

Credits: 1-6                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI288H Internship**

(Perm req)

Credits: 1-6                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI289 Off-Campus Internship**

(Perm req)

Credits: 1-3                      Grading Method: Sat-Fail

**Contact department for information to register for this course.**

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**BSCI329 Instructional Assistance Practicum**

(Perm req)

Credits: 1-2                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI329H Instructional Assistance Practicum; Honors Instructional Assistance Practicum**

(Perm req)

Credits: 1-2                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI330 Cell Biology and Physiology**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI334 Mammalogy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI335 Mammalogy Laboratory**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI337 Biology of Insects**

Credits: 4                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**BSCI338F Special Topics in Biology; iGEM Research Seminar**

(Perm req)

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI338R Special Topics in Biology; Darwinian Medicine**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI338X Special Topics in Biology; Sexual Selection in Nature**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI338Z                      Special Topics in Biology; Field Research**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI339C                      Selected Topics in Biology; Cell Biology Lab**  
(Perm req)                      Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI339G                      Selected Topics in Biology; Advanced Physiology**  
(Perm req)                      Credits: 2                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI339Q                      Selected Topics in Biology; Diseases Due to Dysfunctional Cell Organelles**  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI339T                      Selected Topics in Biology; The Science of Complementary and Alternative Medicine**  
Credits: 1-4                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI348                      Special Topics in Cell Biology and Molecular Genetics**  
(Perm req)                      Credits: 1-4                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI348A                      Special Topics in Cell Biology and Molecular Genetics; Scientific Teaching Internship**  
(Perm req)                      Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI348P**      **Special Topics in Cell Biology and Molecular Genetics; Introductory Biology Curriculum and Instruction Practicum**

(Perm req)

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI348Q**      **Special Topics in Cell Biology and Molecular Genetics; Special Topics in Cell Biology and Molecular Genetics: Introductory Biology Learning Assistantship**

(Perm req)

Credits: 1-3

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI348R**      **Special Topics in Cell Biology and Molecular Genetics; Microbiology Internship**

(Perm req)

Credits: 1-4

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI348T**      **Special Topics in Cell Biology and Molecular Genetics; Research Methods for Terrapin Teachers**

(Perm req)

Credits: 1

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI353**      **Principles of Neuroscience**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI360**      **Principles of Animal Behavior**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI361**      **Principles of Ecology**

Credits: 4

Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**BSCI363**      **The Biology of Conservation and Extinction**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI370 Principles of Evolution**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI378H Cell Biology and Molecular Genetics Department Honors Seminar**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BSCI379G Cell Biology and Molecular Genetics Department Research; Research in Cell Biology and Molecular Genetics**

(Perm req)                      Grading Method: Regular,  
Credits: 1-3                      Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI379H Cell Biology and Molecular Genetics Department Honors Research**

(Perm req)                      Grading Method: Regular  
Credits: 1-3

**Contact department for information to register for this course.**

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**BSCI379L Cell Biology and Molecular Genetics Department Research; Lab Research**

(Perm req)                      Grading Method: Regular,  
Credits: 1-3                      Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI389 Entomology Department Research**

(Perm req)                      Grading Method: Regular,  
Credits: 1-2                      Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI389H Entomology Department Honors Research**

(Perm req)                      Grading Method: Regular  
Credits: 1-2

**Contact department for information to register for this course.**

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**BSCI389L Entomology Department Research; Lab Research**

Credits: 1-2                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BSCI392**      **Biology of Extinct Animals**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI393**      **Biology of Extinct Animals Laboratory**  
Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI398H**      **Biology Department Honors Seminar**  
(Perm req)                      Grading Method: Regular,  
Credits: 1                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI399**      **Biology Department Research; Biology Department Research**  
(Perm req)                      Grading Method: Regular,  
Credits: 1-3                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI399H**      **Biology Department Honors Research**  
(Perm req)                      Grading Method: Regular  
Credits: 1-2                        
**Contact department for information to register for this course.**

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**BSCI399L**      **Biology Department Research; Biology Lab Research**  
(Perm req)                      Grading Method: Regular,  
Credits: 1-3                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI405**      **Population and Evolutionary Genetics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI410**      **Molecular Genetics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI412**      **Microbial Genetics**  
Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI416**      **Human Genetics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI417**      **Microbial Pathogenesis**  
Credits: 3                      Grading Method: Regular,                      CORE: CS  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI420**      **Cell Biology Lectures**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI421**      **Cell Biology**  
Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI422**      **Principles of Immunology**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BSCI423**      **Immunology Laboratory**  
Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BSCI433**      **Biology of Cancer**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI437**      **General Virology**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI440**      **Mammalian Physiology**  
Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI441**      **Mammalian Physiology Laboratory**  
Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI442**      **Plant Physiology**  
Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI446**      **Neural Systems**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI447**      **General Endocrinology**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI452**      **Diseases of the Nervous System**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCI454**      **Neurobiology Laboratory**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BSCI473 Marine Ecology**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCV CIVICUS Spring 2017**

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**BSCV182 Civicus and Service-Learning**  
Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCV302 Civicus Capstone**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSCV309 Civicus Seminar**  
Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSGC Global Communities Spring 2017**

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**BSGC102 Global Issues**  
(Perm req) Credits: 3 Grading Method: Regular, CORE: IE  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSGC398A BSGC Experiential Learning in Global Communities: Global Service; Alternative Break/International Service**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSGC399 Topical Investigations in Global Communities**  
Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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## **BSOS Behavioral and Social Sciences**

**Spring 2017**

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**BSOS388B Behavioral and Social Sciences Special Topics; Innovation and Social Change: Do Good Now**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSOS388T Behavioral and Social Sciences Special Topics; Sustainability Task Force**  
(Perm req) Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BSOS388X Behavioral and Social Sciences Special Topics; Innovation in the Public Sector II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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## **BSST Terrorism Studies**

**Spring 2017**

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**BSST331 Response to Terrorism**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSST334 States of Emergency**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSST338G Special Topics in Terrorism Studies; Ideology and Social Conditions in the Making of Terrorism**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSST338K Special Topics in Terrorism Studies; Nexus of Terrorism and Crime**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSST386 Experiential Learning in Terrorism Studies**

(Perm req) Credits: 1-5 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BSST399B Individual Study in Terrorism Studies; Countering Violent Extremism Fellowship Career Development Part 5**

(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSST399P Individual Study in Terrorism Studies; Community Resilience, Engagement, and Dialogue Career Development Program Part 3**

(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSST399T Individual Study in Terrorism Studies; Teaching Terrorism**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**BSST631 Societal Impacts of and Responses to Terrorism**

Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BSST633 Research Methods in Terrorism and Counterterrorism**

Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BUAC Accounting and Information Assurance**

**Spring 2017**

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**BUAC758A Special Topics in Accounting and Information Assurance; Non-Profit Organization Accounting and Assurance**

Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUAC758O Special Topics in Accounting and Information Assurance; External Auditing**



(Perm req) Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BUAC758P Special Topics in Accounting and Information Assurance; Big Data and the Accounting Profession**  
Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUAC758T Special Topics in Accounting and Information Assurance; Taxation for Individuals**  
(Perm req) Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BUAC758V Special Topics in Accounting and Information Assurance; Taxation of Corporations and Other Entities**  
(Perm req) Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BUAC758W Special Topics in Accounting and Information Assurance; Taxation of Not-for-Profit Entities**  
Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BUAC758X Special Topics in Accounting and Information Assurance; Real Estate Taxation**  
(Perm req) Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BUAC758Y Special Topics in Accounting and Information Assurance; International Tax**  
(Perm req) Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**BUAC759 Independent Study in Accounting and Information Assurance**  
(Perm req) Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUAC786**      **Internal Auditing I: Conceptual and Institutional Framework**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUAC787**      **Internal Auditing II: Internal Audit Application and Practice**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUAC790**      **Information Security, Audit and Control**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUDT**      **Decision and Information Technologies**      **Spring 2017**

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**BUDT732**      **Decision Analytics**  
Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUDT733**      **Data Mining and Predictive Analytics**  
Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUDT758B**      **Special Topics in Decision, Operations and Information Technologies; Big Data**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUDT758F**      **Special Topics in Decision, Operations and Information Technologies; Google Online Challenge and Analytics**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUDT758K**      **Special Topics in Decision, Operations and Information Technologies; Computer Simulation for Business Applications**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUDT758N**      **Special Topics in Decision, Operations and Information Technologies; Business Process Analysis for Information Systems**

(Perm req)

Credits: 3              Grading Method: Regular

**Contact department for information to register for this course.**

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**BUDT758Q**      **Special Topics in Decision, Operations and Information Technologies; Information Systems Security**

Credits: 3              Grading Method: Regular

**Contact department for information to register for this course.**

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**BUDT758T**      **Special Topics in Decision, Operations and Information Technologies; Data Mining and Predictive Analytics**

Credits: 3              Grading Method: Regular

**Contact department for information to register for this course.**

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**BUDT759**      **Independent Study in Decision and Information Technologies**

(Perm req)

Credits: 1-6              Grading Method: Regular

**Contact department for information to register for this course.**

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## **BUFN**      **Finance**

**Spring 2017**

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**BUFN738**      **Investment Fund Management**

(Perm req)

Credits: 3              Grading Method: Regular

**Contact department for information to register for this course.**

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**BUFN750**      **Valuation in Corporate Finance**

Credits: 2              Grading Method: Regular

**Contact department for information to register for this course.**

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**BUFN751**      **Financial Strategy For Corporations**

Credits: 2              Grading Method: Regular

**Contact department for information to register for this course.**

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**BUFN755**      **Entrepreneurial Finance and Private Equity**

Credits: 2              Grading Method: Regular

**Contact department for information to register for this course.**

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**BUFN758R**      **Special Topics in Finance; Financial Institute Risk Management**

Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUFN758V            Special Topics in Finance; Advanced Equity Modeling**  
(Perm req)            Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUFN758W            Special Topics in Finance; Applied Equity Modeling**  
(Perm req)            Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUFN759            Independent Study in Finance**  
(Perm req)            Credits: 1-6            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUFN760            Applied Equity Analysis**  
Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUFN761            Derivative Securities**  
(Perm req)            Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUFN762            Fixed Income Analysis**  
(Perm req)            Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUFN763            Portfolio Management**  
Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUFN772            Bank Management**  
Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUFN773            Institutional Asset Management**

Credits: 2            Grading Method: Regular  
Contact department for information to register for this course.

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## **BULM    Logistics, Business, and Public Policy**

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**Spring 2017**

**BULM724    Negotiations in Supply Chain Management**

Credits: 2            Grading Method: Regular  
Contact department for information to register for this course.

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**BULM733    Global Trade Logistics**

Credits: 2            Grading Method: Regular  
Contact department for information to register for this course.

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**BULM734    Assessing and Managing Supply Chain Risks**

(Perm req)

Credits: 3            Grading Method: Regular  
Contact department for information to register for this course.

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**BULM758C    Special Topics in Logistics, Business and Public Policy; Assessing & Managing Supply Chain Risks**

Credits: 2            Grading Method: Regular  
Contact department for information to register for this course.

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**BULM758M    Special Topics in Logistics, Business and Public Policy; Emerging Economies, Government Politics, and International Trade**

Credits: 2            Grading Method: Regular  
Contact department for information to register for this course.

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**BULM758T    Special Topics in Logistics, Business and Public Policy; Global Transportation Management**

(Perm req)

Credits: 2            Grading Method: Regular  
Contact department for information to register for this course.

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**BULM759    Independent Study in Logistics Management**

(Perm req)

Credits: 1-6            Grading Method: Regular  
Contact department for information to register for this course.

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## **BUMK    Marketing**

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**Spring 2017**

**BUMK701 Marketing Research Methods**  
Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK716 Brand Management**  
Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK722 Customer Equity Management**  
Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK758A Special Topics in Marketing; Market Forecasting**  
(Perm req) Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK758H Special Topics in Marketing; Business Ethics II & Policies**  
(Perm req) Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK758J Special Topics in Marketing; Pricing Strategies for Sustainable Competitive Advantage**  
Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK758L Special Topics in Marketing; Marketing Research and Analysis**  
(Perm req) Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK758N Special Topics in Marketing; Web Analytics**  
(Perm req) Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK758O Special Topics in Marketing; Digital Marketing**  
Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK758P**      **Special Topics in Marketing; Innovation & Product Development**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK758Q**      **Special Topics in Marketing; Action Learning Project**  
(Perm req)      Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK758W**      **Special Topics in Marketing; Data Science**  
(Perm req)      Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK758Z**      **Special Topics in Marketing; Customer Equity Management**  
(Perm req)      Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMK759**      **Independent Study in Marketing**  
(Perm req)      Credits: 1-6              Grading Method: Regular  
**Contact department for information to register for this course.**

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## **BUMO**      **Management and Organization**      **Spring 2017**

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**BUMO714**      **Competitive and Collaborative Negotiation**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMO751**      **Implementing Strategy: Organizing to Compete**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMO754**      **Global Strategy**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUMO758A**      **Special Topics in Management and Organization; Strategic Growth for Emerging Social & Commercial Ventures**  
Credits: 2              Grading Method: Regular

Contact department for information to register for this course.

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**BUMO758K Special Topics in Management and Organization; Business Consulting**

(Perm req)

Credits: 4                      Grading Method: Regular

Contact department for information to register for this course.

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**BUMO758T Special Topics in Management and Organization; Technology Entrepreneurship**

Credits: 2                      Grading Method: Regular

Contact department for information to register for this course.

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**BUMO758V Special Topics in Management and Organization; Business Communication in Entrepreneurship**

Credits: 2                      Grading Method: Regular

Contact department for information to register for this course.

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**BUMO759 Independent Study in Management and Organization**

(Perm req)

Credits: 1-6                      Grading Method: Regular

Contact department for information to register for this course.

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**BUMO794 Essentials of Negotiation**

(Perm req)

Credits: 2                      Grading Method: Regular

Contact department for information to register for this course.

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**BUMO796 Leadership and Human Resource Management for Accountants and Auditors**

(Perm req)

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**BUSI Part-Time MBA Program**

**Spring 2017**

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**BUSI621 Strategic and Transformational IT**

(Perm req)

Credits: 2                      Grading Method: Regular

Contact department for information to register for this course.

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**BUSI622 Managing Digital Business Markets**

Credits: 2                      Grading Method: Regular

Contact department for information to register for this course.

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**BUSI630**      **Data, Models and Decisions**  
(Perm req)      Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSI640**      **Financial Management**  
(Perm req)      Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSI650**      **Marketing Management**  
(Perm req)      Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSI758B**      **Special Topics in Business; Data Models and Decisions**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSI758K**      **Special Topics in Business; Sustainability: Economics and Strategy**  
Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSI758L**      **Special Topics in Business; Managers in Society**  
Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSI758P**      **Special Topics in Business; Current Issues in Federal Acquisition**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSI759**      **Independent Study in Business**  
(Perm req)      Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSI761**      **The Environment of International Business**  
Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**Contact department for information to register for this course.**

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**BUSM705 Brand Management**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM706 Innovation & Product Development**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM708 Independent Study in Business**

Credits: 1-6                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM713 Market Forecasting**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM716 Social Media and Internet Marketing**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM731 Capital Markets**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM733 Valuation in Corporate Finance**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM735 Financial Strategy for Corporations**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM737 Applied Equity Analysis**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM738A**      **Investment Fund Management; Mayer Fund**  
(Perm req)      Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSM738B**      **Investment Fund Management; New Market Venture Fund**  
(Perm req)      Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSM743**      **Entrepreneurial Finance and Private Equity**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSM744**      **Portfolio Management**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSM755**      **Organizational Change**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSM757**      **Implementing Strategy: Organizing to Compete**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSM758A**      **Special Topics in Business; Angel Investing**  
(Perm req)      Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSM758C**      **Special Topics in Business; Financial Statement Analysis**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSM758D**      **Special Topics in Business; Managing Supply Chains: Models and Analysis**  
Credits: 2              Grading Method: Regular  
**Contact department for information to register for this course.**

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**BUSM758E Special Topics in Business; International Economics for Managers**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM758F Special Topics in Business; Sustainability: Economics & Strategy**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM758J Special Topics in Business; Business Systems Design and Innovation**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM761 Data Mining and Predictive Analytics**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM762 Decision Analytics**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM765 Social Media and Web 2.0**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**BUSM773 Innovation & Entrepreneurship**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CBMG Cell Biology & Molecular Genetics**

**Spring 2017**

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**CBMG688 Special Topics in Cell Biology and Molecular Genetics**

Credits: 1-4                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**CBMG688C Special Topics in Cell Biology and Molecular Genetics; Research Experiences**

Credits: 2                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CBMG688F      Special Topics in Cell Biology and Molecular Genetics; Gene Expression**

Credits: 2                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CBMG688I      Special Topics in Cell Biology and Molecular Genetics; Genetic Analysis**  
(Perm req)

Credits: 2                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CBMG688L      Special Topics in Cell Biology and Molecular Genetics; Microbial Pathogenesis**

Credits: 2                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CBMG688O      Special Topics in Cell Biology and Molecular Genetics; The Role of Thoroughly Conscious Ignorance on the Advancement of Science**

Credits: 2                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CBMG688Q      Special Topics in Cell Biology and Molecular Genetics; Molecular Vaccinology: Responding to Current and Emerging Diseases**

Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CBMG688X      Special Topics in Cell Biology and Molecular Genetics; Virology Program**

Credits: 2                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CBMG699      Special Problems in Cell Biology and Molecular Genetics**

Credits: 1-3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CBMG699D Special Problems in Cell Biology and Molecular Genetics; Molecular Genetics: Bioinformatics and Computation Biology**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**CBMG699T Special Problems in Cell Biology and Molecular Genetics; Molecular Genetics: Genetics of Eukaryotic Model Systems**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**CBMG699W Special Problems in Cell Biology and Molecular Genetics; Immunology**

Credits: 3 Grading Method: Regular

**Contact department for information to register for this course.**

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**CBMG699X Special Problems in Cell Biology and Molecular Genetics; Host Pathogen Interactions**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**CBMG699Z Special Problems in Cell Biology and Molecular Genetics; Protein Translation**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**CBMG799 Masters Thesis Research**

Credits: 1-6 Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**CBMG898 Pre-Candidacy Research**

Credits: 1-8 Grading Method: Regular

**Contact department for information to register for this course.**

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**CBMG899 Doctoral Dissertation Research**

(Perm req) Credits: 6 Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

**CCJS100**      **Introduction to Criminal Justice**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SB  
**Contact department for information to register for this course.**

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**CCJS105**      **Introduction to Criminology**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SB  
**Contact department for information to register for this course.**

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**CCJS200**      **Statistics for Criminology and Criminal Justice**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS225**      **Responses to Violence**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS230**      **Criminal Law in Action**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS234**      **Law of Criminal Investigation**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS300**      **Criminological and Criminal Justice Research Methods**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS320**      **Introduction to Criminalistics**



(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS325 Slavery in the Twenty First Century: Combating Human Trafficking**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS331 Contemporary Legal Policy Issues**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS332 Major Transitions: From Undergraduate to Professional**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS340 Policing**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS342 Corrections**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS345 Courts and Sentencing**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS346 Domestic Violence**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS350**      **Juvenile Delinquency**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS359**      **Field Training in Criminology and Corrections**  
(Perm req)      Credits: 1-6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS360**      **Victimology**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS370**      **Race, Crime and Criminal Justice**  
(Perm req)      Credits: 3      Grading Method: Regular,      , D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS386**      **Experiential Learning**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**CCJS389H**      **Independent Research in Criminology and Criminal Justice**  
(Perm req)      Credits: 1-6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS398**      **Law Enforcement Field Training**  
(Perm req)      Credits: 1-6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS399**      **Independent Study in Criminology and Criminal Justice**  
(Perm req)      Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS418B Seminar in Criminology and Criminal Justice; Cyber Investigations**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**CCJS418N Seminar in Criminology and Criminal Justice; Causes and Consequences of Terrorism**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**CCJS418P Seminar in Criminology and Criminal Justice; Marijuana, Law & Society**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**CCJS418Q Seminar in Criminology and Criminal Justice; Crime and Place**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS451 Crime and Delinquency Prevention**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS452 Treatment of Criminals and Delinquents**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS454 Contemporary Criminological Theory**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS456 Dynamics of Planned Change in Criminal Justice II**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS461 Psychology of Criminal Behavior**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**CCJS498C Selected Topics in Criminology and Criminal Justice; Police and Campus Interaction**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS498G Selected Topics in Criminology and Criminal Justice; Gangs**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS498J Selected Topics in Criminology and Criminal Justice; Sexual Deviance and Crime**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS498L Selected Topics in Criminology and Criminal Justice; Ethics in Criminal Justice**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS498M Selected Topics in Criminology and Criminal Justice; Crime Mapping**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS498R Selected Topics in Criminology and Criminal Justice; Politics and Crime**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CCJS498T Selected Topics in Criminology and Criminal Justice; Victim Advocacy**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS498W            Selected Topics in Criminology and Criminal Justice; Cultural Issues in Criminal Defense**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CCJS601            Policing**

Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**CCJS604            Policy Analysis Project**

(Perm req)                    Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**CCJS610            Research Methods in Criminal Justice and Criminology**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CCJS621            General Linear Models in Criminal Justice Research**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CCJS651            Seminar in Criminology**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CCJS661            Crime and the Life Course**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CCJS699            Special Criminological Problems**

Credits: 1-3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CCJS699L      Special Criminological Problems; Seminar on Causal Inference**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CCJS799      Master's Thesis Research**  
(Perm req)      Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CCJS898      Pre-Candidacy Research**  
(Perm req)      Credits: 1-8      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CCJS899      Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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## **CHBE      Chemical and Biomolecular Engineering      Spring 2017**

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**CHBE101      Introduction to Chemical and Biomolecular Engineering**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHBE302      Chemical and Biomolecular Engineering Thermodynamics II**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHBE333      Chemical Engineering Seminar**  
(Perm req)      Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHBE424      Chemical and Biomolecular Engineering Transport Phenomena II**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CHBE426      Chemical and Biomolecular Separation Processes**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CHBE446      Process Engineering Economics and Design II**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CHBE468      Research**

(Perm req)

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CHBE468F      Research; Combustion and Reacting Flows**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CHBE473      Electrochemical Energy Engineering**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CHBE477      Mesoscopic and Nanoscale Thermodynamics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CHBE480      Bionanotechnology: Physical Principles**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**





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**CHEM231**      **Organic Chemistry I**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM232**      **Organic Chemistry Laboratory I**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CHEM232S**      **Organic Chemistry Laboratory I**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CHEM237**      **Principles of Organic Chemistry I**  
Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM241**      **Organic Chemistry II**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM242**      **Organic Chemistry Laboratory II**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CHEM271**      **General Chemistry and Energetics**  
Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM272**      **General Bioanalytical Chemistry Laboratory**  
Credits: 2                      Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**CHEM276**      **General Chemistry and Energetics - Majors**  
Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM277**      **Fundamentals of Analytical and Bioanalytical Chemistry Laboratory**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CHEM389A**      **Pedagogy and Instruction in Chemistry; Instruction in Chemistry**  
(Perm req)                      Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CHEM389B**      **Pedagogy and Instruction in Chemistry**  
(Perm req)                      Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CHEM395**      **Professional Issues in Chemistry and Biochemistry**  
Credits: 1                      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**CHEM398**      **Special Projects**  
(Perm req)                      Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM399A**      **Introduction to Chemical Research**  
(Perm req)                      Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM399B**      **Introduction to Chemical Research**  
(Perm req)                      Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM399C**      **Introduction to Chemical Research**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM399X Introduction to Chemical Research**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM401 Inorganic Chemistry**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM425 Instrumental Methods of Analysis**  
Credits: 4 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM433 Atmospheric Chemistry and Climate**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM474 Environmental Chemistry**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM481 Physical Chemistry I**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM482 Physical Chemistry II**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM483**      **Physical Chemistry Laboratory I**  
Credits: 2      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM484**      **Physical Chemistry Laboratory II**  
Credits: 2      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHEM602**      **Advanced Inorganic Chemistry II**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CHEM623**      **Optical Methods of Quantitative Analysis**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CHEM647**      **Organic Synthesis**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CHEM648E**      **Special Topics in Organic Chemistry; Ethics in Scientific Research**  
(Perm req)  
Credits: 2      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CHEM650**      **Problems in Organic Synthesis**  
Credits: 1      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CHEM682**      **Chemical Kinetics and Dynamics**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CHEM687      Statistical Mechanics and Chemistry**

Credits: 3                      Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**CHEM691      Quantum Chemistry II**

Credits: 3                      Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**CHEM699      Special Problems in Chemistry**

Credits: 1-6                      Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**CHEM705      Nuclear Chemistry**

Credits: 3                      Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**CHEM799      Master's Thesis Research**

Credits: 1-6                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CHEM889A     Seminar; Analytical, Nuclear and Environmental Chemistry**

Credits: 1                      Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**CHEM889C     Seminar; Inorganic Chemistry**

Credits: 1                      Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**CHEM889D     Seminar; Organic Chemistry**

Credits: 1                      Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**CHIN203**      **Intermediate Spoken Chinese II**  
(Perm req)      Credits: 3      Grading Method: Regular      CORE: HO  
**Contact department for information to register for this course.**

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**CHIN204**      **Intermediate Written Chinese II**  
(Perm req)      Credits: 3      Grading Method: Regular      CORE: HO  
**Contact department for information to register for this course.**

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**CHIN215**      **Introduction to Chinese Philosophy**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CHIN302**      **Advanced Chinese II**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CHIN306**      **Life in China through TV Plays II**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CHIN320**      **Chinese Film and Culture**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHIN332**      **Chinese Culture through Traditional Chinese Arts**  
Credits: 3      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**CHIN402**      **Readings in Modern Chinese II**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CHIN403**      **Classical Chinese I**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHIN418P      Special Topics in Contemporary Chinese Fiction and Film; Contemporary Sinophone Literature and Film**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CHIN443      Cultural Histories of Medicine in China**

Credits: 3                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CHIN499      Directed Study in Chinese**

(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**CHPH      Chemical Physics**

**Spring 2017**

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**CHPH618      Special Projects in Chemical Physics**

Credits: 2                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CHPH709A      Seminar in Chemical Physics; Physical Chemistry**

Credits: 1                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CHPH709B      Seminar in Chemical Physics; Statistical Physics**

Credits: 1                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CHPH709L      Seminar in Chemical Physics; Biophysics**

Credits: 1                      Grading Method: Regular,  
Audit



Contact department for information to register for this course.

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**CHPH718E Special Topics in Chemical Physics; Mesoscopic and Nanoscale Thermodynamics**

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**CHPH718F Special Topics in Chemical Physics; Methods of Statistical Physics**

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**CHPH718I Special Topics in Chemical Physics; Chemical Physics Rotation**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**CHPH799 Master's Thesis Research**

(Perm req)

Credits: 1-6      Grading Method: Regular

Contact department for information to register for this course.

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**CHPH898 Pre-Candidacy Research**

(Perm req)

Credits: 1-8      Grading Method: Regular

Contact department for information to register for this course.

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**CHPH899 Doctoral Dissertation Research**

(Perm req)

Credits: 6      Grading Method: Regular

Contact department for information to register for this course.

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**CLAS Classics**

**Spring 2017**

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**CLAS170 Greek and Roman Mythology**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit      CORE: HL

Contact department for information to register for this course.

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**CLAS180 Discovering the World of Ancient Greece**

Credits: 3                    Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CLAS289A      Are We Rome?**

Credits: 3                    Grading Method: Regular,                    CORE: SH  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CLAS315      Greek and Roman Athletics**

Credits: 3                    Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CLAS419X      The Classical Tradition; Italy: From the Fall of Rome to Fellini**

Credits: 3                    Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

---

**CLAS499      Independent Study in Classical Languages and Literatures**

(Perm req)  
Credits: 1-3                    Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CLFS                    Chemical and Life Sciences                    Spring 2017**

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**CLFS608      Seminar in Current Topics in Chemical and Life Science; Scholarly Paper**

(Perm req)  
Credits: 1-3                    Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CLFS608A      Seminar in Current Topics in Chemical and Life Science; Independent Research**

(Perm req)  
Credits: 1-3                    Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CLFS619D      Special Topics in Chemistry; Forensic Chemistry**

Credits: 3                    Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CLFS620 Modern Molecular Genetics**  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CLFS665 Ecology and Global Change**  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CLFS690 Biochemistry**  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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## **CMLT Comparative Literature Spring 2017**

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**CMLT235 Black Diaspora Literature and Culture**  
Credits: 3                      Grading Method: Regular,                      CORE: HL, D  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CMLT242 Introduction to Jewish Literature**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CMLT270 Global Literature and Social Change**  
Credits: 3                      Grading Method: Regular,                      CORE: HL, D  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CMLT275 World Literature by Women**  
Credits: 3                      Grading Method: Regular,                      CORE: HL, D  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CMLT280 Film Art in a Global Society**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HA, D  
**Contact department for information to register for this course.**

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**CMLT386                      Experiential Learning**  
(Perm req)  
Credits: 3-6                      Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**CMLT398C                      Special Topics in Comparative Studies; Cinema of Liberation**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CMLT398D                      Special Topics in Comparative Studies; The Jazz Paradigm**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**CMLT679D                      Topics in Comparative Studies; Sex, Gender, and Sexuality in the Islamic World**  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CMLT679G                      Topics in Comparative Studies; Cinema and Empire**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CMLT679T                      Topics in Comparative Studies; Seminar in Poetry Translation**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**CMLT699                      Independent Study**  
(Perm req)  
Credits: 1-6                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMLT788F      Practicum in Comparative Studies; Film Lab 2: African-American Labor History from the UMD Collections and the Promise of Digital Humanities**

(Perm req)

Credits: 1                      Grading Method: Sat-Fail

**Contact department for information to register for this course.**

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**CMLT799      Master's Thesis Research**

Credits: 1-6                      Grading Method: Regular

**Contact department for information to register for this course.**

---

**CMLT898      Pre-Candidacy Research**

Credits: 1-8                      Grading Method: Regular

**Contact department for information to register for this course.**

---

**CMLT899      Doctoral Dissertation Research**

(Perm req)

Credits: 6                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CMSC      Computer Science**

**Spring 2017**

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**CMSC122      Introduction to Computer Programming via the Web**

Credits: 3                      Grading Method: Regular,                      CORE: IE  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CMSC131      Object-Oriented Programming I**

(Perm req)

Credits: 4                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CMSC132      Object-Oriented Programming II**

(Perm req)

Credits: 4                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CMSC216      Introduction to Computer Systems**

(Perm req)

Credits: 4                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CMSC216H      Introduction to Computer Systems**

(Perm req) Credits: 4 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC250 Discrete Structures**  
(Perm req) Credits: 4 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC298A Special Topics in Computer Science**  
(Perm req) Credits: 1-4 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**CMSC298P Special Topics in Computer Science; Prototyping and Fabrication of Cyberphysical Systems**  
(Perm req) Credits: 2 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

---

**CMSC320 Introduction to Data Science**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC330 Organization of Programming Languages**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC351 Algorithms**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC389K Special Topics in Computer Science; Full-Stack Web Development with Node.js**  
(Perm req) Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC389N Special Topics in Computer Science; Introduction to PHP & Javascript**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC390 Honors Paper**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC396H Computer Science Honors Seminar**  
(Perm req) Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC411 Computer Systems Architecture**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC412 Operating Systems**  
(Perm req) Credits: 4 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**CMSC414 Computer and Network Security**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC417 Computer Networks**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC420 Data Structures**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC421 Introduction to Artificial Intelligence**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC422 Introduction to Machine Learning**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC423**      **Bioinformatic Algorithms, Databases, and Tools**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC424**      **Database Design**  
(Perm req)      Credits: 3      Grading Method: Regular      CORE: CS  
**Contact department for information to register for this course.**

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**CMSC425**      **Game Programming**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC426**      **Image Processing**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC427**      **Computer Graphics**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC430**      **Introduction to Compilers**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC433**      **Programming Language Technologies and Paradigms**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC434**      **Introduction to Human-Computer Interaction**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC435**      **Software Engineering**



(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**CMSC436 Programming Handheld Systems**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC451 Design and Analysis of Computer Algorithms**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC452 Elementary Theory of Computation**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC456 Cryptology**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC460 Computational Methods**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC466 Introduction to Numerical Analysis I**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC475 Combinatorics and Graph Theory**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC498A Selected Topics in Computer Science**  
(Perm req) Credits: 1-3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC498F Selected Topics in Computer Science; Robotics and Perception**

(Perm req)

Credits: 3            Grading Method: Regular

**Contact department for information to register for this course.**

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**CMSC498M Selected Topics in Computer Science; Introduction to Machine Learning**

(Perm req)

Credits: 3            Grading Method: Regular

**Contact department for information to register for this course.**

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**CMSC498R Selected Topics in Computer Science; Introduction to Cryptology**

(Perm req)

Credits: 3            Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**CMSC498Z Selected Topics in Computer Science; Information-Centric Design of Systems**

(Perm req)

Credits: 3            Grading Method: Regular

**Contact department for information to register for this course.**

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**CMSC499A Independent Undergraduate Research**

(Perm req)

Credits: 1-3            Grading Method: Regular

**Contact department for information to register for this course.**

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**CMSC634 Empirical Research Methods for Computer Science**

Credits: 3            Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**CMSC661 Scientific Computing II**

Credits: 3            Grading Method: Regular

**Contact department for information to register for this course.**

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**CMSC664 Advanced Scientific Computing II**

(Perm req)

Credits: 3            Grading Method: Regular

**Contact department for information to register for this course.**

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**CMSC703 Network Analysis and Modeling of Biological Systems**

Credits: 3                    Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**CMSC714                    High Performance Computing Systems**

Credits: 3                    Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**CMSC722                    Artificial Intelligence Planning**

Credits: 3                    Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**CMSC724                    Database Management Systems**

Credits: 3                    Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

---

**CMSC727                    Neural Modeling**

Credits: 3                    Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**CMSC733                    Computer Processing of Pictorial Information**

Credits: 3                    Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**CMSC764                    Advanced Numerical Optimization**

Credits: 3                    Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**CMSC773                    Computational Linguistics II**

Credits: 3                    Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**CMSC798 Graduate Seminar in Computer Science**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CMSC798A Graduate Seminar in Computer Science**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CMSC798F Graduate Seminar in Computer Science; How to Conduct Great Research**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CMSC799 Master's Thesis Research**  
(Perm req) Credits: 1-6 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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**CMSC818A Advanced Topics in Computer Systems; Advanced Topics in Computer Systems**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CMSC818G Advanced Topics in Computer Systems; Information-Centric Design of Systems**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CMSC818O Advanced Topics in Computer Systems; Computer and Network Security**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CMSC828A Advanced Topics in Information Processing**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CMSC828F**      **Advanced Topics in Information Processing; Computational Psycholinguistics**

Credits: 3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**CMSC828Y**      **Advanced Topics in Information Processing; Human-Level Artificial Intelligence**

Credits: 3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**CMSC838A**      **Advanced Topics in Programming Languages**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**CMSC838M**      **Advanced Topics in Programming Languages; Model Checking**

Credits: 3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

---

**CMSC858A**      **Advanced Topics in Theory of Computing**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**CMSC858C**      **Advanced Topics in Theory of Computing; Randomized Algorithms**

Credits: 3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**CMSC858Q**      **Advanced Topics in Theory of Computing; Quantum Algorithms**

Credits: 3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**CMSC878A**      **Advanced Topics in Numerical Methods**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
   Audit

Contact department for information to register for this course.

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**CMSC898 Pre-Candidacy Research**

Credits: 1-8                      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

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**CMSC899 Doctoral Dissertation Research**

(Perm req)  
Credits: 6                      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

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**COMM Communication**

**Spring 2017**

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**COMM107 Oral Communication: Principles and Practices**

Credits: 3                      Grading Method: Regular, Pass-Fail

Contact department for information to register for this course.

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**COMM200 Critical Thinking and Speaking**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit                      CORE: HO

Contact department for information to register for this course.

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**COMM201 Introduction to Public Relations**

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**COMM230 Argumentation and Debate**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit

Contact department for information to register for this course.

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**COMM250 Introduction to Communication Inquiry**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit

Contact department for information to register for this course.

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**COMM288 Communication Internship**

(Perm req) Credits: 1-6 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM324 Communication and Gender**  
Credits: 3 Grading Method: Regular, , D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM330 Argumentation and Public Policy**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM331 News Writing and Reporting for Public Relations**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM332 News Editing for Public Relations**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM351 Public Relations Techniques**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM353 New Media Writing for Public Relations**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM360 The Rhetoric of Black America**  
Credits: 3 Grading Method: Regular, , D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM370 Mediated Communication**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM371                    Communication and Digital Media**  
  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM376                    Communication through Advocacy Short Film**  
  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM382                    Essentials of Intercultural Communication**  
  
Credits: 3                    Grading Method: Regular,                    , D  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM386                    Experiential Learning**  
(Perm req)  
Credits: 3-6                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**COMM388                    Communication Practicum**  
(Perm req)  
Credits: 1-3                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**COMM398                    Selected Topics in Communication**  
(Perm req)  
Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM398C                    Selected Topics in Communication; Peer Consulting in Oral Communication**  
(Perm req)  
Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM398D                    Selected Topics in Communication; PR Design & Publications**



Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM398E      Selected Topics in Communication; Health Communication**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM398J      Selected Topics in Communication; Communication and Advanced Digital Imaging**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM398L      Selected Topics in Communication; INNOVATION LEADERSHIP**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM398O      Selected Topics in Communication; Digital Media and Democracy**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM398P      Selected Topics in Communication; Design Thinking**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM398Q      Selected Topics in Communication; Social Media Analytics**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM398W      Selected Topics in Communication; Web Design**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM399      Honors Thesis**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM400      Research Methods in Communication**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM401            Interpreting Strategic Discourse**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM402            Communication Theory and Process**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM424            Communication in Complex Organizations**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM425            Negotiation and Conflict Management**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM426            Conflict Management**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM427H           Crisis Communication**  
(Perm req)

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM435            Theories of Interpersonal Communication**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM436 Interpersonal Arguing**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**COMM450 Ancient and Medieval Rhetorical Theory**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**COMM458C Seminar in Political Communication; Civic Communication**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**COMM458P Seminar in Political Communication; Presidential Campaign Communication; What's Past is Prologue**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**COMM461 Voices of Public Leadership in the Twentieth Century**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**COMM468A Seminar in Mediated Communication; Arab Media**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**COMM469G The Discourse of Social Movements; Rhetoric of Gender Activism**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**COMM469O The Discourse of Social Movements; Rhetoric of Oppressed Peoples**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**COMM472      Nonverbal Communication**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM475      Persuasion**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM478      Communication Colloquium**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

---

**COMM483      Senior Seminar in Public Relations**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM488I      Communication Portfolio Project; Strategic Interviewing**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM489      Topical Research**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM498B      Seminar; Bateman Competition**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM498C      Seminar; Public Relations Management**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM498E Seminar; Ethnography**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM498G Seminar; Event Planning and Communication**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

---

**COMM498N Seminar; Creating the Narrative: Genre-Filmmaking and Dramatic Structure**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM498O Seminar; Public Relations Data Analytics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM498Q Seminar; Sound, Lighting and Cinematography in Digital Visual Communication**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM498T Seminar; Communication and Digital Media: Theory and Practice**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**COMM498V Seminar; Visual Rhetoric**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

---

**COMM600 Empirical Research in Communication**  
Credits: 3                      Grading Method: Regular,  
   Audit

Contact department for information to register for this course.

---

**COMM606 Seminar in Communication Management**

Credits: 3                  Grading Method: Regular,  
  Audit

Contact department for information to register for this course.

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**COMM619 Consecutive Interpretation**

Credits: 2-6                Grading Method: Regular,  
  Audit

Contact department for information to register for this course.

---

**COMM619A Consecutive Interpretation; Methodology**

Credits: 2                  Grading Method: Regular,  
  Audit

Contact department for information to register for this course.

---

**COMM619B Consecutive Interpretation; Arabic into English/English into Arabic**

Credits: 2                  Grading Method: Regular,  
  Audit

Contact department for information to register for this course.

---

**COMM619C Consecutive Interpretation; Sight Translation; Arabic into English/English into Arabic**

Credits: 2                  Grading Method: Regular,  
  Audit

Contact department for information to register for this course.

---

**COMM619D Consecutive Interpretation; Chinese into English/English into Chinese**

Credits: 2                  Grading Method: Regular,  
  Audit

Contact department for information to register for this course.

---

**COMM619E Consecutive Interpretation; Sight Translation; Chinese into English/English into Chinese**

Credits: 2                  Grading Method: Regular,  
  Audit

Contact department for information to register for this course.

---

**COMM619F Consecutive Interpretation; French into English/English into French**



**COMM629D Introduction to Simultaneous Interpretation; Chinese into English/English into Chinese**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM629F Introduction to Simultaneous Interpretation; French into English/English into French**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM629I Introduction to Simultaneous Interpretation; Korean into English/English into Korean**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM629M Introduction to Simultaneous Interpretation; Spanish into English/English into Spanish**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM633 Global Public Relations**

Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM637 Professional Practice Forum in Translation: Career Portfolio and Exams**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM641 Introduction to Computer-Assisted Translation**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM649 Translation for Specific Domains**

Credits: 2-6 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**



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**COMM649A Translation for Specific Domains; Methodology**

Credits: 2-6                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

---

**COMM649B Translation for Specific Domains; Arabic into English/English into Arabic**

Credits: 2                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

---

**COMM649C Translation for Specific Domains; Sight Translation; Arabic into English/English into Arabic**

Credits: 2                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

---

**COMM649D Translation for Specific Domains; Chinese into English/English into Chinese**

Credits: 2                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

---

**COMM649E Translation for Specific Domains; Sight Translation; Chinese into English/English into Chinese**

Credits: 2                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

---

**COMM649F Translation for Specific Domains; French into English/English into French**

Credits: 2                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

---

**COMM649I Translation for Specific Domains; German into English/English into German**

Credits: 2                    Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

---

**COMM649J Translation for Specific Domains; Sight Translation; German into English/English into German**

Credits: 2                    Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

---

**COMM649M Translation for Specific Domains; Spanish into English/English into Spanish**

Credits: 2                  Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**COMM649N Translation for Specific Domains; Sight Translation; Spanish into English/English into Spanish**

Credits: 2                  Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**COMM657 Professional Practice Forum in Interpreting: Career Portfolio and Exams**

Credits: 1                  Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**COMM659 Translation for Language-Specific Markets**

Credits: 1-3                Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**COMM659A Translation for Language-Specific Markets; Arabic into English/English into Arabic**

Credits: 1                  Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**COMM659B Translation for Language-Specific Markets; Chinese into English/English into Chinese**

Credits: 1                  Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**COMM659C Translation for Language-Specific Markets; French into English/English into French**

Credits: 1                  Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**COMM659E Translation for Language-Specific Markets; German into English/English into German**



**COMM698 Special Problems in Communication**

(Perm req)

Credits: 1-3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM698F Special Problems in Communication; Feminist, Gender and Queer Theories**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM698N Special Problems in Communication; Ethnography**

Credits: 1-3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM713 Translation Technology**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM719 Advanced Consecutive Interpretation**

Credits: 2-3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM719A Advanced Consecutive Interpretation; Arabic into English/English into Arabic**

Credits: 2

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM719B Advanced Consecutive Interpretation; Chinese into English/English into Chinese**

Credits: 2

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM719C Advanced Consecutive Interpretation; French into English/English into French**

Credits: 2

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**COMM719D     Advanced Consecutive Interpretation; Russian into English/English into Russian**

Credits: 2                  Grading Method: Regular,  
                                        Audit

**Contact department for information to register for this course.**

---

**COMM719E     Advanced Consecutive Interpretation; Spanish into Russian/Russian into Spanish**

Credits: 2                  Grading Method: Regular,  
                                        Audit

**Contact department for information to register for this course.**

---

**COMM719F     Advanced Consecutive Interpretation; Spanish into English/English into Spanish**

Credits: 2                  Grading Method: Regular,  
                                        Audit

**Contact department for information to register for this course.**

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**COMM730       Seminar in Health Communication**

Credits: 3                  Grading Method: Regular,  
                                        Audit

**Contact department for information to register for this course.**

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**COMM738T     Seminar in Mediated Communication; Media, Technology and Culture**

Credits: 3                  Grading Method: Regular,  
                                        Audit

**Contact department for information to register for this course.**

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**COMM749       Advanced Simultaneous Interpretation**

Credits: 1-3                Grading Method: Regular,  
                                        Audit

**Contact department for information to register for this course.**

---

**COMM749A     Advanced Simultaneous Interpretation; Arabic into English/English into Arabic**

Credits: 1                  Grading Method: Regular,  
                                        Audit

**Contact department for information to register for this course.**

---

**COMM749B     Advanced Simultaneous Interpretation; Chinese into English/English into Chinese**

Credits: 1                  Grading Method: Regular,  
                                        Audit

**Contact department for information to register for this course.**

---

**COMM749C Advanced Simultaneous Interpretation; French into English/English into French**

Credits: 1                      Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

---

**COMM749D Advanced Simultaneous Interpretation; Russian into English/English into Russian**

Credits: 1                      Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

---

**COMM749E Advanced Simultaneous Interpretation; Spanish into Russian/Russian into Spanish**

Credits: 1                      Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

---

**COMM749F Advanced Simultaneous Interpretation; Spanish into English/English into Spanish**

Credits: 1                      Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

---

**COMM759 Professional Practice Forum in Interpreting: Practicum**

Credits: 1-3                      Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

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**COMM762 The Rhetoric of Political Institutions**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**COMM789A Seminar: Special Topics in Intercultural Communication; Advanced Political and Legal Communication**

Credits: 3                      Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

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**COMM789B Seminar: Special Topics in Intercultural Communication; Advanced Health Communications**

Credits: 3                   Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**COMM798**           **Independent Study**  
(Perm req)  
Credits: 1-3                 Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**COMM798B**       **Independent Study; Text Analysis and Intensive Writing**  
Credits: 1-3                 Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**COMM798E**       **Independent Study; Website Localization and Software**  
Credits: 2                   Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**COMM798F**       **Independent Study; Enhanced English Fluency**  
Credits: 1-3                 Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**COMM798I**       **Independent Study; Consecutive Interpreting Skills**  
Credits: 1-2                 Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**COMM798J**       **Independent Study; Translation Skills**  
Credits: 1-2                 Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**COMM799**       **Master's Thesis Research**  
(Perm req)  
Credits: 1-6                 Grading Method: Regular  
**Contact department for information to register for this course.**

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**COMM888**       **Doctoral Practicum in Communication**

(Perm req) Credits: 3-9 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**COMM889** **Doctoral Tutorial in Communication**  
(Perm req) Credits: 3-9 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**COMM898** **Pre-Candidacy Research**  
(Perm req) Credits: 1-8 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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**COMM899** **Doctoral Dissertation Research**  
(Perm req) Credits: 6 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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## **CONS Sustainable Development & Conservation Biology** **Spring 2017**

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**CONS609I** **Special Topics in Conservation Biology; Internship**  
Credits: 1 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**CONS680** **Problem Solving in Conservation/Development**  
Credits: 4 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**CONS798** **Research Papers in Sustainable Development and Conservation Biology**  
Credits: 1-4 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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## **CPBE College Park Scholars-Business, Society, and Economy** **Spring 2017**

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**CPBE230** **College Park Scholars: Business, Society & the Economy Internship Practicum**



Credits: 1-3      Grading Method: Regular  
Contact department for information to register for this course.

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**CPBE240**      **College Park Scholars: Business, Society & the Economy Service-Learning Practicum**  
Credits: 1-3      Grading Method: Regular  
Contact department for information to register for this course.

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**CPBE250**      **College Park Scholars: Business, Society & the Economy Research Practicum**  
Credits: 1-3      Grading Method: Regular  
Contact department for information to register for this course.

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**CPBE270**      **College Park Scholars: Business, Society & the Economy Education Abroad Practicum**  
Credits: 1      Grading Method: Regular  
Contact department for information to register for this course.

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**CPET**      **College Park Scholars-  
Environment, Technology &  
Economy**      **Spring 2017**

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**CPET101**      **College Park Scholars: Environment, Technology & Economy First-Year Colloquium II**  
Credits: 1      Grading Method: Regular  
Contact department for information to register for this course.

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**CPET230**      **College Park Scholars: Environment, Technology & Economy Internship Practicum**  
Credits: 1-3      Grading Method: Regular  
Contact department for information to register for this course.

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**CPET240**      **College Park Scholars: Environment, Technology & Economy Service-Learning Practicum**  
Credits: 1-3      Grading Method: Regular  
Contact department for information to register for this course.

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**CPET250**      **College Park Scholars: Environment, Technology & Economy Research Practicum**  
Credits: 1-3      Grading Method: Regular  
Contact department for information to register for this course.

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**CPGH**      **College Park Scholars-Global  
Public Health**      **Spring 2017**

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**CPGH101 College Park Scholars: Global Public Health First-Year Colloquium II**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPGH230 College Park Scholars: Global Public Health - Internship Practicum**

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPGH240 College Park Scholars: Global Public Health Service-Learning Practicum**

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPGH250 College Park Scholars: Global Public Health Research Practicum**

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPGH270 College Park Scholars: Global Public Health Education Abroad Practicum**

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPJT College Park Scholars-Justice and Legal Thought**

**Spring 2017**

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**CPJT230 Capstone for Justice and Legal Thought: Internship**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPJT240 Capstone for Justice and Legal Thought: Service-Learning**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPJT250 Capstone for Justice and Legal Thought: Research**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPMS College Park Scholars-Media, Self and Society**

**Spring 2017**

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**CPMS101 College Park Scholars: Media, Self & Society First-Year Colloquium II**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPMS230 College Park Scholars: Media, Self & Society - Internship Practicum**

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPMS240 College Park Scholars: Media, Self & Society - Service-Learning Practicum**

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPPL College Park Scholars-Public Leadership Spring 2017**

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**CPPL101 College Park Scholars: Public Leadership First-Year Colloquium II**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPPL201 College Park Scholars: Public Leadership - Applied Leadership Capstone II**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSA College Park Scholars-Arts Spring 2017**

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**CPSA101 College Park Scholars: Arts First-Year Colloquium II**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSA149 College Park Scholars: Arts Service-Learning Outreach**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSA201 College Park Scholars: Arts Second-Year Colloquium II**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSA240 College Park Scholars: Arts Service-Learning Practicum**

Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**CPSA250**            **College Park Scholars: Arts Research Practicum**  
Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**CPSA260**            **College Park Scholars: Arts Peer-Teaching Practicum**  
Credits: 2            Grading Method: Regular  
**Contact department for information to register for this course.**

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**CPSD**            **College Park Scholars-Science, Discovery & the Universe**            **Spring 2017**

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**CPSD100**            **College Park Scholars: Science, Discovery & the Universe First-Year Colloquium A**  
Credits: 1            Grading Method: Regular  
**Contact department for information to register for this course.**

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**CPSD101**            **College Park Scholars: Science, Discovery & the Universe First-Year Colloquium B**  
Credits: 1            Grading Method: Regular  
**Contact department for information to register for this course.**

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**CPSD230**            **College Park Scholars: Science, Discovery & the Universe - Internship Practicum**  
Credits: 1-3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**CPSD240**            **College Park Scholars: Science, Discovery & the Universe - Service-Learning Practicum**  
Credits: 1-3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**CPSF**            **College Park Scholars-Life Sciences**            **Spring 2017**

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**CPSF101**            **College Park Scholars: Life Sciences First-Year Colloquium II**  
Credits: 1            Grading Method: Regular  
**Contact department for information to register for this course.**

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**CPSG**

## **College Park Scholars-Science and Global Change**

**Spring 2017**

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**CPSG101**      **College Park Scholars: Science & Global Change First-Year Colloquium II**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSG230**      **College Park Scholars: Science & Global Change - Internship Practicum**

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSG240**      **College Park Scholars: Science & Global Change - Service-Learning Practicum**

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSG250**      **College Park Scholars: Science & Global Change - Research Practicum**

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSN**

## **College Park Scholars-International Studies**

**Spring 2017**

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**CPSN101**      **College Park Scholars: International Studies First-Year Colloquium II**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSN230**      **College Park Scholars: International Studies - Internship Practicum**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSN240**      **College Park Scholars: International Studies - Service-Learning Practicum**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**CPSN250**      **College Park Scholars: International Studies - Research Practicum**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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Contact department for information to register for this course.

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**CPSP359I**      **Advanced Practicum: Research; The Geology, Ecology, and Sustainable Technologies of the Island of Hawaii**

(Perm req)

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**CPSP359N**      **Advanced Practicum: Research; International Studies**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**CPSP359S**      **Advanced Practicum: Research; Discovery Research**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**CPSP369E**      **Advanced Practicum: Peer Teaching**

Credits: 1-3                      Grading Method: Regular

Contact department for information to register for this course.

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**CPSS**      **College Park Scholars-Science,  
Technology and Society**

**Spring 2017**

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**CPSS101**      **College Park Scholars: Science, Technology & Society First-Year Colloquium II**

Credits: 1                      Grading Method: Regular

Contact department for information to register for this course.

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**CPSS225**      **College Park Scholars Capstone: Science, Technology, and Society**

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**CPSS240**      **College Park Scholars: Science, Technology & Society - Service-Learning Practicum**

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**DANC**      **Dance**

**Spring 2017**

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**DANC128**      **Fundamentals of Ballet**

Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC138C      World Dance Forms; Chinese Dance**

Credits: 2                      Grading Method: Regular,                      , D  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**DANC138J      World Dance Forms; Beginning Jazz**

Credits: 2                      Grading Method: Regular,                      , D  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**DANC138P      World Dance Forms; Hip Hop**

Credits: 2                      Grading Method: Regular,                      , D  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**DANC138W      World Dance Forms; West African Dance**

Credits: 2                      Grading Method: Regular,                      , D  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**DANC148      Fundamentals of Modern Dance**

Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**DANC149      Fundamentals of Modern Dance II**

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**DANC199      Practicum in Choreography, Production and Performance I**  
(Perm req)

Credits: 1-2                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**DANC200      Introduction to Dance**



Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HA, D  
**Contact department for information to register for this course.**

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**DANC207                      The Creative Process**

(Perm req)                      Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC209                      Dance Composition**

(Perm req)                      Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC218                      Foundations of Technique I**

(Perm req)                      Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC219                      Foundations of Technique II**

(Perm req)                      Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC228                      Ballet I**

(Perm req)                      Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC283                      Foundations of Dance History**

(Perm req)                      Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC299                      Practicum in Choreography, Production and Performance II**

(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC318 Foundations of Technique III**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC319 Foundations of Technique IV**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC328 Ballet III; Ballet III for Majors**  
(Perm req) Credits: 2 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC329 Ballet IV; Ballet IV for Majors**  
(Perm req) Credits: 2 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC338P Global Movement Practices; Advanced Hip Hop**  
Credits: 2 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC398 Directed Studies in Dance**  
(Perm req) Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**DANC398C Directed Studies in Dance; Beginning Contact Improvisation**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC398Y Directed Studies in Dance; Yoga, Improvisation, and Embodied Metaphors: Investigating Philosophy through Movement**  
Credits: 2 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC399**      **Practicum in Choreography, Production and Performance III**  
(Perm req)      Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC405**      **Dance Education and Policy**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC448**      **Modern Dance V**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC449**      **Modern Dance VI**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC466**      **Laban Movement Analysis**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC468**      **Modern Repertory**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC488**      **Project-Based Learning; Project-Based Learning**  
(Perm req)      Credits: 4      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**DANC499**      **Practicum in Choreography, Production and Performance IV**  
(Perm req)      Credits: 1-6      Grading Method: Regular,  
Pass-Fail, Audit



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**DANC705**

**Arts Education**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**DANC708**

**Choreography II; Collaborative Work**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**DANC766**

**Movement Observation and Analysis**

Credits: 2

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**DANC777**

**Internship in Dance**

(Perm req)

Credits: 6

Grading Method: Sat-Fail

**Contact department for information to register for this course.**

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**DANC784**

**Dance in a Global Context**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**DANC788**

**Master's Tutorial for Choreography; Graduate Tutorial**

Credits: 1-3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**DANC789**

**Directed Study in Dance Theory; Directed Study in Dance Theory**

Credits: 2-6

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**DANC799**

**Master's Thesis Project**

Credits: 1-6

Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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## **EALL East Asian Languages and Literatures**

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**Spring 2017**

### **EALL300 The Languages of East Asia**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit                      , D

**Contact department for information to register for this course.**

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## **ECON Economics**

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**Spring 2017**

### **ECON111 Thinking Like an Economist**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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### **ECON155 Economics & the College Affordability Crisis**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit                      CORE: SB

**Contact department for information to register for this course.**

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### **ECON200 Principles of Microeconomics**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit                      CORE: SB

**Contact department for information to register for this course.**

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### **ECON201 Principles of Macroeconomics**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit                      CORE: SB

**Contact department for information to register for this course.**

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### **ECON230 Applied Economic Statistics**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit

**Contact department for information to register for this course.**

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### **ECON300 Methods and Tools for Economic Analysis**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ECON305 Intermediate Macroeconomic Theory and Policy**  
Credits: 3 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**ECON306 Intermediate Microeconomic Theory & Policy**  
Credits: 3 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**ECON311 American Economic History Before the Civil War**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON315 Economic Development of Underdeveloped Areas**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON317 Global Economic Policies**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON321 Economic Statistics**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON325 Intermediate Macroeconomic Analysis**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON326 Intermediate Microeconomic Analysis**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON330 Money and Banking**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON386 Experiential Learning**  
(Perm req) Credits: 3                      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**ECON397 Honors Thesis**  
(Perm req) Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON399 Independent Study in Economics**  
(Perm req) Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON401 Current Issues in American Economic Policy**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON407 Advanced Macroeconomics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON414 Game Theory**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ECON416 Theory of Economic Development**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**





**Contact department for information to register for this course.**

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**ECON443 International Trade and Trade Policy in the New Global Economy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ECON451 Public Choice**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ECON454 Public Finance and Public Policy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ECON456 Law and Economics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ECON465 Health Economics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ECON470 Labor Economics:Theory and Evidence**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ECON471 Labor Markets**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ECON472 Economics of Social Safety Nets**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ECON488K Applied Market Research Practicum; Kaulkin Ginsberg Research Fellow**

(Perm req)

Credits: 2                      Grading Method: Sat-Fail

**Contact department for information to register for this course.**

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**ECON499 Independent Research in Economics**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**ECON602 Macroeconomic Analysis II**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ECON604 Microeconomic Analysis II**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ECON611 Seminar in American Economic Development**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ECON624 Econometrics II**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ECON636 Behavioral Economics**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ECON641 Microeconomic Analysis**

Credits: 3                      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**ECON643**      **Empirical Analysis I: Foundations of Empirical Research**

Credits: 3      Grading Method: Regular,  
                        Audit

Contact department for information to register for this course.

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**ECON644**      **Empirical Analysis II: Introduction to Economic Models**

Credits: 3      Grading Method: Regular,  
                        Audit

Contact department for information to register for this course.

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**ECON645**      **Empirical Analysis III: Econometric Modeling and Forecasting**

Credits: 3      Grading Method: Regular,  
                        Audit

Contact department for information to register for this course.

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**ECON670**      **Financial Economics**

Credits: 3      Grading Method: Regular,  
                        Pass-Fail, Audit

Contact department for information to register for this course.

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**ECON674**      **Economic Analysis of Law**

Credits: 3      Grading Method: Regular,  
                        Audit

Contact department for information to register for this course.

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**ECON676**      **Economic Development**

Credits: 3      Grading Method: Regular,  
                        Audit

Contact department for information to register for this course.

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**ECON683**      **International Macroeconomics and Finance**

Credits: 3      Grading Method: Regular,  
                        Pass-Fail, Audit

Contact department for information to register for this course.

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**ECON698**      **Selected Topics in Economics**

(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON698B Selected Topics in Economics; Decision Theory**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON702 Advanced Macroeconomics II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON704 Advanced Microeconomics II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON708 Advanced Topics in Applied and Theoretical Microeconomics**  
(Perm req) Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON709 Advanced Topics in Applied and Theoretical Macroeconomics**  
(Perm req) Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON722 Econometrics IV**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON743 Topics in International Finance**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON745**      **Advanced Topics in International Trade**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON752**      **Public Economics II**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON772**      **Population Economics**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON781**      **Valuing Environmental Benefits**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON799**      **Master's Thesis Research**  
Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ECON808**      **Workshop on Macroeconomics and Growth**  
(Perm req)  
Credits: 2      Grading Method: Sat-Fail,  
Audit  
**Contact department for information to register for this course.**

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**ECON828**      **Workshop in Econometrics**  
Credits: 2      Grading Method: Sat-Fail,  
Audit  
**Contact department for information to register for this course.**

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**ECON848**      **Workshop in International Development, and Comparative Economics**  
(Perm req)  
Credits: 2      Grading Method: Sat-Fail,  
Audit  
**Contact department for information to register for this course.**

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Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI288E                      Special Topics in Teacher Education; Developmental Heuristics**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI288O                      Special Topics in Teacher Education; Exploring Teaching in America Counts/Reads**  
(Perm req)  
Credits: 1-2                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI297                      Students, Schooling, and Communities**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI298                      Special Problems in Teacher Education**  
(Perm req)  
Credits: 1-6                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI305A                      Curriculum and Instruction Cluster**  
Credits: 0                      Grading Method:  
**Contact department for information to register for this course.**

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**EDCI305B                      Curriculum and Instruction Cluster**  
(Perm req)  
Credits: 0                      Grading Method:  
**Contact department for information to register for this course.**

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**EDCI322                      Curriculum and Instruction in Elementary Education: Social Studies**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**EDCI362                      Materials and Instruction for Creating Skilled and Motivated Readers, Part 2**



Credits: 3                      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**EDCI385                      Digital Learning Tools and Communities**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI397                      Principles and Methods of Teaching in Elementary Schools**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI401                      Student Teaching in Elementary School: Art**  
Credits: 4-8                      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCI402                      Student Teaching in Secondary Schools: Art**  
Credits: 2-8                      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCI404                      Student Teaching Seminar: Art Education**  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI405                      Art Education Methods I**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI407                      Practicum in Art Education: Three-Dimensional**  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI414                      Interdisciplinary Teaching in the Middle Grades II**  
Credits: 2                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**EDCI417 Bases for English Language Instruction**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI420 Student Teaching Seminar in Secondary Education: Social Studies**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI421 Student Teaching in Secondary Schools: Social Studies/History**  
Credits: 12 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCI425 Equity and Pedagogy**  
Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDCI430 Student Teaching Seminar in Secondary Education: World Language**  
Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI431 Teaching Internship in Secondary Schools: World Language**  
Credits: 12 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCI434 Pedagogy of Teaching English Language Learners**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI436 Understanding Cross-Cultural Communication for Teaching English Language Learners**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDCI437 English Grammar Pedagogy for Teachers of English Language Learners**

Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI440            Internship Seminar in Secondary Education: English**  
Credits: 1            Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCI441            Internship in Secondary Schools: English**  
Credits: 12           Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCI443            Literature for Children and Youth**  
Credits: 3            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI450            Internship Seminar in Secondary Education: Mathematics**  
Credits: 1            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI451            Student Teaching in Secondary Schools: Mathematics**  
Credits: 12           Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCI460            Student Teaching: Middle School**  
Credits: 12           Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCI463            Reading in the Secondary School**  
Credits: 3            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCI471            Internship in Secondary Schools: Science**  
Credits: 12           Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCI474 Teaching Academically, Culturally, and Linguistically Diverse Students in Secondary Education**

Credits: 2                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**EDCI475 Embracing Diversity in the Classroom Community**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**EDCI480 Practices in Secondary School Science Teaching**

Credits: 2                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**EDCI481 Student Teaching: Elementary**

Credits: 12                      Grading Method: Sat-Fail

**Contact department for information to register for this course.**

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**EDCI488I Selected Topics in Teacher Education; Culturally Responsive Language and Literacy Instruction in Elementary Classrooms**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**EDCI488M Selected Topics in Teacher Education; Knowing and Learning**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**EDCI488W Selected Topics in Teacher Education; Perspectives in Science**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**EDCI489 Field Experiences in Education**

(Perm req)

Credits: 1-4                      Grading Method: Sat-Fail,  
Audit

**Contact department for information to register for this course.**

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**EDCI632**      **Special Education and Oral Language Development in TESOL**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI633**      **Teaching for Cross Cultural Communication**  
Credits: 3              Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**EDCI638**      **Teaching ESOL Reading and Writing in Secondary Content Areas**  
Credits: 3              Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**EDCI657**      **Understanding and Engaging Students' Conceptions of Mathematics**  
Credits: 3              Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**EDCI661**      **Content Area Reading**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI665**      **Clinical Instruction in Reading**  
(Perm req)              Credits: 3              Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**EDCI670**      **Trends in School Curriculum: Science**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI673**      **Assessing, Diagnosing, and Teaching Writing**  
(Perm req)              Credits: 3              Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**EDCI685**      **Research Methods**

Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI687                      Learning with Technology**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI689                      Teaching Internship**  
Credits: 1-9                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**EDCI698                      Conducting Research on Teaching**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI735                      Research Foundations of Second Language Education: Examining Linguistically Diverse Student Learning**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI753                      Foundations of Mathematics Education III: Curriculum**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI758                      Research Seminar in Mathematics and Science Education**  
Credits: 1                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**EDCI769                      Theory and Research in Reading**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCI775                      Seminar in Mixed Methods Research in Education**  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**EDCI786**      **Black and Latino Education: History and Policy**  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**EDCI788**      **Selected Topics in Teacher Education; Selected Topics in Teacher Education**  
Credits: 1-3              Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**EDCI788B**    **Selected Topics in Teacher Education; Discourse Analysis**  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**EDCI788F**    **Selected Topics in Teacher Education; School Exclusion: Policy, Practice and Prevention**  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**EDCI788G**    **Selected Topics in Teacher Education; Advanced Mathematics and the K-12 Classroom**  
Credits: 1-3              Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**EDCI788R**    **Selected Topics in Teacher Education; Applied Linguistics Doctoral Seminar**  
Credits: 1                Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**EDCI792**      **Qualitative Research II: Analysis and Interpretation of Data**  
(Perm req)  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**EDCI798**      **Special Problems in Teacher Education**  
(Perm req)  
Credits: 1-6              Grading Method: Regular,  
  Audit



Contact department for information to register for this course.

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**EDCI798B Special Problems in Teacher Education; Revisioning Teacher Education**

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**EDCI799 Master's Thesis Research**

Credits: 1-6      Grading Method: Regular

Contact department for information to register for this course.

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**EDCI888 Apprenticeship in Education**

(Perm req)

Credits: 1-8      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**EDCI889 Internship in Education**

(Perm req)

Credits: 3-8      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**EDCI898 Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular

Contact department for information to register for this course.

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**EDCI899 Doctoral Dissertation Research**

(Perm req)

Credits: 6      Grading Method: Regular

Contact department for information to register for this course.

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**EDCP Education Counseling and  
Personnel Services**

**Spring 2017**

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**EDCP108B College and Career Advancement: Concepts and Skills; Learning Strategies**

Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**EDCP108C College and Career Advancement: Concepts and Skills; Career Clarification: Choosing a Major**

Credits: 1            Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCP108G      College and Career Advancement: Concepts and Skills**  
Credits: 1            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCP108I      College and Career Advancement: Concepts and Skills; Academic Transitions to Internships**  
Credits: 1            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCP108M      College and Career Advancement: Concepts and Skills; Math Study Skills and Building Confidence**  
Credits: 1            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCP108N      College and Career Advancement: Concepts and Skills; Diversity Issues and Academic Strategies for Success**  
Credits: 1            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCP220        Introduction to Human Diversity in Social Institutions**  
Credits: 3            Grading Method: Regular,            CORE: SB, D  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCP310        Peer Counseling Theory and Skills**  
Credits: 3            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDCP386        Experiential Learning**  
(Perm req)           Credits: 3-6            Grading Method: Regular  
**Contact department for information to register for this course.**

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Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**EDCP651                  Group Counseling in Schools**  
  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**EDCP655                  Organizational Dimensions of Student Affairs**  
  
Credits: 3                  Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCP672                  Individual and Organizational Assessment in Student Affairs**  
  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**EDCP680                  Basic Didactic Practicum in Counseling Psychology**  
  
Credits: 3                  Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCP686                  Counseling Psychology Didactic Practicum in Career Interventions**  
  
Credits: 3                  Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDCP691                  Research in Counseling Psychology II**  
  
Credits: 3                  Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCP693                  Assessment in Counseling Psychology ii**  
  
Credits: 3                  Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDCP717                  Evaluation of Research in Counseling**  
  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**



**Contact department for information to register for this course.**

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**EDCP789R      Advanced Topics in Counseling and Personnel Services; College Teaching Seminar**

(Perm req)

Credits: 1-6      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDCP789T      Advanced Topics in Counseling and Personnel Services; Program Planning**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDCP789W      Advanced Topics in Counseling and Personnel Services; College Context and Institutional Types**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDCP798      Special Problems in Counseling and Personnel Services**

(Perm req)

Credits: 1-6      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDCP798A      Special Problems in Counseling and Personnel Services; Asian Americans and Education**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**EDCP799      Master's Thesis Research**

Credits: 1-6      Grading Method: Regular

**Contact department for information to register for this course.**

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**EDCP870      Professional Issues Seminar**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**EDCP888      Apprenticeship in Counseling and Personnel Services**

(Perm req)

Credits: 1-8      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDCP888A      Apprenticeship in Counseling and Personnel Services; College Student Personnel**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDCP888C      Apprenticeship in Counseling and Personnel Services; School Psychology**

Credits: 1-8      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDCP888G      Apprenticeship in Counseling and Personnel Services; School Counseling**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**EDCP889      Internship in Counseling and Personnel Services; Internship in Counseling and Personnel Services**

Credits: 1-8      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDCP889I      Internship in Counseling and Personnel Services; Internship in School Psychology**

Credits: 1-8      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDCP898      Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular

**Contact department for information to register for this course.**

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**EDCP899      Doctoral Dissertation Research**

(Perm req)

Credits: 6      Grading Method: Regular

**Contact department for information to register for this course.**

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Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDHD386 Experiential Learning**

(Perm req)

Credits: 3-6 Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**EDHD400 Introduction to Gerontology**

Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**EDHD402 Social Development**

Credits: 3 Grading Method: Regular

**Contact department for information to register for this course.**

---

**EDHD411 Child Growth and Development**

Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDHD412 Infant Development**

Credits: 3 Grading Method: Regular

**Contact department for information to register for this course.**

---

**EDHD413 Adolescent Development**

Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**EDHD415 Promoting the Social-Emotional Competence of Young Children in Inclusive Classrooms**

(Perm req)

Credits: 3 Grading Method: Regular

**Contact department for information to register for this course.**

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**EDHD420 Cognitive Development and Learning**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHD424**                      **Culture, School & Community: Contexts for Learning (PreK-3rd)**  
(Perm req)                      Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHD425**                      **Language Development and Reading Acquisition**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHD426**                      **Cognition and Motivation in Reading: Reading in Content Areas I**  
(Perm req)                      Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHD430**                      **Adolescent Violence**  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHD431**                      **Child Development and Learning, Three to Eight Years**  
(Perm req)                      Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHD432**                      **Internship in EC/ECSE**  
Credits: 12                      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDHD436**                      **Cognition and Motivation in Reading: Reading Acquisition for Middle School Students**  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHD437**                      **EC/ECSE Teachers as Researchers and Reflective Practitioners**  
(Perm req)                      Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHD460**      **Educational Psychology**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHD489**      **Field Experiences in Education**  
(Perm req)                      Grading Method: Regular,  
Credits: 1-4                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHD498**      **Special Problems in Education**  
(Perm req)                      Grading Method: Regular,  
Credits: 1-3                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHD498A**      **Special Problems in Education; Behavioral Inhibition, Shyness, and Social Withdrawal in Childhood**  
(Perm req)                      Grading Method: Regular  
Credits: 3                      **Contact department for information to register for this course.**

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**EDHD629**      **Seminar for the Center for Children, Relationships, and Culture**  
Credits: 1                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**EDHD718**      **Apprenticeship in College Teaching**  
(Perm req)                      Grading Method: Regular  
Credits: 1                      **Contact department for information to register for this course.**

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**EDHD722**      **Learning Theory and the Educative Process**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHD750**      **Culture, Context, and Development**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

---

**EDHD775 Human Development and Neuroscience**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

---

**EDHD789 Internship in Human Development**  
(Perm req) Credits: 3-8 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**EDHD798 Laboratory in Human Development**  
(Perm req) Credits: 1-6 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDHD799 Master's Thesis Research**  
(Perm req) Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

---

**EDHD888 Apprenticeship in Human Development Research**  
(Perm req) Credits: 1-8 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**EDHD889 Practicum in Human Development**  
(Perm req) Credits: 3-8 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**EDHD898 Pre-Candidacy Research**  
(Perm req) Credits: 1-8 Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHD899 Doctoral Dissertation Research**  
(Perm req) Credits: 6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHI338A Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Race/Ethnicity**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHI338C Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Gender**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHI338F Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Lesbian, Gay, Bisexual, Transgender, and Queer Peer Education**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHI338G Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Religious Bias**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHI338K Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Socioeconomic Status**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHI338R Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Immigration**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHI338W Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Size and Appearance**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHI338Y Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Social Justice Awareness and Allyship in Greek Life**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHI489 Field Experiences in Education**  
(Perm req) Credits: 1-4 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHI498 Special Problems in Education**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDHI607 Culture and Education in a Global Context**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDHI608 Gender and Education**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDHI653 Organization and Administration of Higher Education**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHI662 Research on Ethnic Minorities and Demographic Trends in Higher Education**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHI665 College Access and Choice**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDHI788O**      **Special Topics in Education Policy and Administration; Opportunities and Challenges for International Education   Leaders in the 21st Century**  
Credits: 1                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**EDHI789**      **Doctoral Practicum in Administration and Supervision**  
Credits: 1-3                      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDHI798**      **Special Problems in Education**  
(Perm req)  
Credits: 1-6                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**EDHI799**      **Master's Thesis Research**  
Credits: 1-6                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHI805**      **Seminar in Comparative Education**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**EDHI853**      **Leadership in Higher Education**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**EDHI888**      **Apprenticeship in Education**  
Credits: 1-8                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

---

**EDHI889**      **Internship in Education**  
(Perm req)  
Credits: 3-8                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**EDHI895**      **Research Critique Seminar**  
Credits: 3      Grading Method: Regular,  
                        Audit  
**Contact department for information to register for this course.**

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**EDHI898**      **Pre-Candidacy Research**  
Credits: 1-8      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDHI899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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<b>EDMS</b>	<b>Measurement, Statistics, and Evaluation</b>	<b>Spring 2017</b>
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**EDMS451**      **Introduction to Educational Statistics**  
Credits: 3      Grading Method: Regular,  
                        Audit  
**Contact department for information to register for this course.**

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**EDMS626**      **Instrumentation**  
Credits: 3      Grading Method: Regular,  
                        Audit  
**Contact department for information to register for this course.**

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**EDMS645**      **Quantitative Research Methods I**  
Credits: 3      Grading Method: Regular,  
                        Audit  
**Contact department for information to register for this course.**

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**EDMS646**      **General Linear Models I**  
Credits: 3      Grading Method: Regular,  
                        Audit  
**Contact department for information to register for this course.**

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**EDMS647**      **Causal Inference and Evaluation Methods**  
Credits: 3      Grading Method: Regular,  
                        Audit



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**EDMS899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDPS**      **Education Policy Studies**      **Spring 2017**

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**EDPS210**      **Historical and Philosophical Perspectives on Education**  
Credits: 3      Grading Method: Regular,      CORE: HO  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDPS301**      **Foundations of Education**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDPS489**      **Field Experiences in Education**  
(Perm req)      Credits: 1-4      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDPS498**      **Special Problems in Education**  
(Perm req)      Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDPS612**      **Philosophy of Education**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDPS615**      **Economics of Education**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDPS679**      **Master's Seminar**

Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDPS788F      Special Topics in Education Policy and Administration; Education Policy and Reform**

Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDPS788G      Special Topics in Education Policy and Administration; Education, Society:Democracy:Critical Perspectives**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDPS788I      Special Topics in Education Policy and Administration; Statistical Literacy for Education Research**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDPS788M      Special Topics in Education Policy and Administration; Teaching the Difficult Past**

Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDPS788T      Special Topics in Education Policy and Administration; Core II**

Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDPS788Z      Special Topics in Education Policy and Administration; Contested Control: School Choice, Localism and Centralization**

Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDPS789      Doctoral Practicum in Administration and Supervision**

Credits: 1-3      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDPS798      Special Problems in Education**

(Perm req) Credits: 1-6 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**EDPS799 Master's Thesis Research**  
Credits: 1-6 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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**EDPS888 Apprenticeship in Education**  
Credits: 1-8 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDPS889 Internship in Education**  
(Perm req) Credits: 3-8 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**EDPS898 Pre-Candidacy Research**  
Credits: 1-8 Grading Method: Regular  
**Contact department for information to register for this course.**

---

**EDPS899 Doctoral Dissertation Research**  
(Perm req) Credits: 1-8 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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**EDSP Education, Special Spring 2017**

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**EDSP210 Introduction to Special Education**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDSP211 Introduction to Special Education**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDSP220      Disability in Community: Access, Accommodation, and Adaptation**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**EDSP289I      Disability: From Stigma and Sideshow to Mainstream and Main Street**

Credits: 3                      Grading Method: Regular,                      CORE: SB, D  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**EDSP315      Inclusive Instruction: Reading Methods II**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**EDSP376      Fundamentals of Sign Language**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**EDSP403      Instruction of Students with Physical Disabilities**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDSP410      Instruction of Students with Severe Disabilities II**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**EDSP415      Assessment in Special Education**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDSP416      Reading and Writing Instruction in Special Education I**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**EDSP423 Assessment in Early Childhood Special Education**  
Credits: 3      Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**EDSP430 Early Intervention: Early Childhood Special Education**  
Credits: 3      Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**EDSP433 Families and Culture in Early Intervention (Birth-5)**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDSP470 Introduction to Special Education**  
Credits: 3      Grading Method: Regular,  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDSP476 Communicating with Sign Language**  
Credits: 3      Grading Method: Regular,  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDSP485 Assessment and Instruction in Mathematics in Special Education**  
Credits: 3      Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**EDSP490 Teacher Candidate Research Seminar in Special Education**  
Credits: 3      Grading Method: Regular,      CORE: CS  
                                Audit  
**Contact department for information to register for this course.**

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**EDSP494 Internship: Early Childhood Special Education**  
Credits: 6-12      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDSP495 Internship II: Elementary/Middle Special Education**  
Credits: 6-12      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**EDSP498 Special Problems in Special Education**  
(Perm req)  
Credits: 1-6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDSP498B Special Problems in Special Education; Career Development and Advising**  
(Perm req)  
Credits: 1      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**EDSP499 Workshops, Clinics, and Institutes in Special Education**  
Credits: 1-6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**EDSP603 Instruction of Students with Physical Disabilities**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**EDSP614 Instruction of Students with Severe Disabilities II**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

---

**EDSP615 Evaluation and Measurement of Exceptional Children and Youth**  
Credits: 1-3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**EDSP616 Reading and Writing Instruction in Special Education I**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**EDSP670**      **Single Subject Research Designs**  
Credits: 3              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**EDSP673**      **Evaluating Evidence-Based Practices in Special Education**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**EDSP675**      **Legal and Policy Foundations for Individuals with Disabilities**  
(Perm req)  
Credits: 3              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**EDSP683**      **Assessment and Instruction in Mathematics in Special Education**  
Credits: 3              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**EDSP690**      **Teacher Candidate Research Seminar in Special Education**  
Credits: 3              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**EDSP694**      **Graduate Internship in Special Education II: Early Childhood**  
Credits: 6-11              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**EDSP695**      **Graduate Internship II: Elementary/Middle Special Education**  
Credits: 6-11              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

---

**EDSP798**      **Special Problems in Special Education**  
(Perm req)  
Credits: 1-6              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**EDUC388T Special Topics in Education; Guided Experiences in College Teaching - UTA**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**EDUC498 Selected Topics in Education**

(Perm req)

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

---

**EDUC888 Applied Apprenticeship in Education**

Credits: 1-3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**EDUC898 Pre-Candidacy Research**

Credits: 2-4                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENAE Engineering, Aerospace**

**Spring 2017**

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**ENAE200 Aerospace Engineering Profession II**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENAE202 Aerospace Computing**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENAE324 Aerospace Structures**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ENAE398H Honors Research Project**

(Perm req)

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**Contact department for information to register for this course.**

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**ENAE484      Space Systems Design**

Credits: 3                      Grading Method: Regular                      CORE: CS

**Contact department for information to register for this course.**

---

**ENAE488C      Topics in Aerospace Engineering; Computational Fluid Dynamics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ENAE488F      Topics in Aerospace Engineering; Introduction to Aviation for Pilot Training**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

---

**ENAE488R      Topics in Aerospace Engineering; Planetary Rover Development**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

---

**ENAE499      Elective Research**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

---

**ENAE602      Spacecraft Attitude Dynamics and Control**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENAE633      Helicopter Dynamics**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENAE634      Helicopter Design**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**ENAE635 Helicopter Stability and Control**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE646 Advanced Dynamics of Aerospace Systems**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE652 Computational Structural Mechanics**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

---

**ENAE654 Mechanics of Composite Structures**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

---

**ENAE656 Aeroelasticity**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE665 Advanced Airbreathing Propulsion**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE674 Aerodynamics of Compressible Fluids**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE676 Turbulence**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE683 High Temperature Gas Dynamics**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE685 Computational Fluid Dynamics II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE691 Satellite Design**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE697 Space Human Factors and Life Support**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE741 Interplanetary Navigation and Guidance**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE742 Robust Multivariable Control**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE757 Advanced Structural Dynamics**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENAE788E Selected Topics in Aerospace Engineering; Electro-Mechanical System Modeling**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENAE788F Selected Topics in Aerospace Engineering; Introduction to Aviation for Pilot Training**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**ENAE788T Selected Topics in Aerospace Engineering; Introduction to Space Solar**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**ENAE788Y Selected Topics in Aerospace Engineering; Fundamentals of Explosions, Natural, Accidental and Controlled**

(Perm req)

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**ENAE799 Master's Thesis Research**

Credits: 1-6

Grading Method: Regular

**Contact department for information to register for this course.**

---

**ENAE898 Pre-Candidacy Research**

Credits: 1-8

Grading Method: Regular

**Contact department for information to register for this course.**

---

**ENAE899 Doctoral Dissertation Research**

(Perm req)

Credits: 6

Grading Method: Regular

**Contact department for information to register for this course.**

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**ENCE Engineering, Civil**

**Spring 2017**

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**ENCE100 Introduction to Civil and Environmental Engineering**

Credits: 1

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENCE200 Civil Engineering Computation**

(Perm req)

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit



**Contact department for information to register for this course.**

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**ENCE201      Engineering Information Processing**

(Perm req)

Credits: 3              Grading Method: Regular

**Contact department for information to register for this course.**

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**ENCE215      Engineering for Sustainability**

(Perm req)

Credits: 3              Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ENCE300      Fundamentals of Engineering Materials**

(Perm req)

Credits: 3              Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ENCE302      Probability and Statistics for Civil and Environmental Engineers**

(Perm req)

Credits: 3              Grading Method: Regular

**Contact department for information to register for this course.**

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**ENCE305      Fundamentals of Engineering Fluids**

(Perm req)

Credits: 3              Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENCE310      Introduction to Environmental Engineering**

(Perm req)

Credits: 3              Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENCE320      Introduction to Project Management**

(Perm req)

Credits: 3              Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENCE325      Introduction to Construction Project Management**

(Perm req)

Credits: 3              Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENCE340      Fundamentals of Geotechnical Engineering**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENCE353      Introduction to Structural Analysis**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ENCE360      Analysis of Civil Engineering Systems**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ENCE370      Introduction to Transportation Engineering and Planning**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENCE402      Simulation and Design of Experiments for Engineers**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENCE411      Environmental Engineering Science**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ENCE412      Environmental Engineering Unit Operations**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ENCE421      Legal Aspects of Architectural and Engineering Practice**

Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCE422 Project Cost Accounting and Economics**  
(Perm req)  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENCE423 Project Planning, Estimating & Scheduling**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

---

**ENCE424 Communication for Project Managers**  
(Perm req)  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENCE426 Construction Documentation and BIM Applications in Engineering and Construction**  
(Perm req)  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENCE431 Hydrologic Engineering**  
(Perm req)  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENCE444 Experimental Methods in Geotechnical Structural Engineering**  
(Perm req)  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENCE447 Pavement Engineering**  
(Perm req)  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENCE453 Computer-Aided Structural Analysis**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENCE455 Design of Steel Structures**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENCE466 Design of Civil Engineering Systems**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**ENCE472 Transportation Engineering**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENCE489 Special Problems in Civil Engineering**  
Credits: 1-4 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENCE602 Project Procurement Management**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCE604 Sustainability Fundamentals for Project Managers**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCE621 Uncertainty Modeling and Analysis**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCE624 Managing Projects in a Dynamic Environment**

Credits: 3            Grading Method: Regular,  
                               Audit  
**Contact department for information to register for this course.**

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**ENCE627            Project Risk Management**  
Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENCE647            Slope Stability and Seepage**  
Credits: 3            Grading Method: Regular,  
                               Audit  
**Contact department for information to register for this course.**

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**ENCE655            Environmental Behavior of Organic Pollutants**  
Credits: 3            Grading Method: Regular,  
                               Audit  
**Contact department for information to register for this course.**

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**ENCE662            Introduction to Project Management**  
Credits: 3            Grading Method: Regular,  
                               Audit  
**Contact department for information to register for this course.**

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**ENCE664            Legal Aspects of Engineering Design and Construction**  
(Perm req)  
Credits: 3            Grading Method: Regular,  
                               Audit  
**Contact department for information to register for this course.**

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**ENCE665            Management of Project Teams**  
Credits: 3            Grading Method: Regular,  
                               Audit  
**Contact department for information to register for this course.**

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**ENCE672            Regional Transportation Planning**  
Credits: 3            Grading Method: Regular,  
                               Audit  
**Contact department for information to register for this course.**

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**ENCE673            Urban Transportation**

Credits: 3                   Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENCE675            Airport Planning and Design**

Credits: 3                   Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENCE676            Highway Traffic Flow Theory**

Credits: 3                   Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENCE688B          Advanced Topics in Civil Engineering; Principles of Disaster Management**

Credits: 3                   Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENCE688D          Advanced Topics in Civil Engineering; Surfaced Water Quality Modeling**

Credits: 3                   Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENCE688F          Advanced Topics in Civil Engineering; Highway Safety Fundamentals**

Credits: 3                   Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENCE688G          Advanced Topics in Civil Engineering; Survey Methods in Transportation**

Credits: 1-3               Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENCE688R          Advanced Topics in Civil Engineering; Civil Information Systems**

Credits: 3                   Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENCE689 Seminar**  
Credits: 1-16      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCE713 Concrete Structures I**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCE715 Earthquake Engineering**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCE717 Bridge Structures**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCE741 Earth Retaining Structures**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCE799 Master's Thesis Research**  
Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENCE898 Pre-Candidacy Research**  
Credits: 1-8      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENCE899 Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENCH609 Graduate Seminar**  
(Perm req) Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCH630 Transport Phenomena**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCH640 Advanced Chemical Reaction Kinetics**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCH648 Special Problems in Chemical Engineering**  
(Perm req) Credits: 1-16 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCH648A Special Problems in Chemical Engineering; Combustion and Reacting Flows**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCH648K Special Problems in Chemical Engineering; Advanced Fuel Cells and Batteries**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCH648N Special Problems in Chemical Engineering; Bionanotechnology**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENCH648Q Special Problems in Chemical Engineering; Mesoscopic and Nanoscale Thermodynamics**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**



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**ENCH648W     Special Problems in Chemical Engineering; Transport Phenomena in Small and Biological Systems**

Credits: 3                    Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**ENCH648X     Special Problems in Chemical Engineering; Multiscale and Multiphase**

Credits: 1-16                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**ENCH799     Master's Thesis Research**

(Perm req)                      Credits: 1-6                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENCH898     Pre-Candidacy Research**

(Perm req)                      Credits: 1-8                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENCH899     Doctoral Dissertation Research; Chemical Engineering**

(Perm req)                      Credits: 6                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENCO     Engineering, Cooperative  
Education**

**Spring 2017**

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**ENCO099     Co-Op/Intern Work Experience; Co-op/Intern Work Experience**

(Perm req)                      Credits: 0                      Grading Method: Sat-Fail

**Contact department for information to register for this course.**

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**ENEE     Electrical & Computer Engineering**

**Spring 2017**

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**ENEE101     Introduction to Electrical & Computer Engineering**

(Perm req)                      Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENEE140     Introduction to Programming Concepts for Engineers**

(Perm req) Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE150 Intermediate Programming Concepts for Engineers**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE200 Technology and Consequences: Engineering, Ethics, and Humanity**  
Credits: 3 Grading Method: Regular CORE: IE  
**Contact department for information to register for this course.**

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**ENEE205 Electric Circuits**  
(Perm req) Credits: 4 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE222 Elements of Discrete Signal Analysis**  
(Perm req) Credits: 4 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE244 Digital Logic Design**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE245 Digital Circuits and Systems Laboratory**  
(Perm req) Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE303 Analog and Digital Electronics**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE307 Electronic Circuits Design Laboratory**  
(Perm req) Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE313**      **Introduction to Device Physics**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE322**      **Signal and System Theory**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE324**      **Engineering Probability**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE350**      **Computer Organization**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE351**      **Algorithms and Data Structures**  
(Perm req)      Credits: 4      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE359F**      **Intermediate Topics in Computer Engineering; Advanced FPGA System Design using Verilog**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENEE380**      **Electromagnetic Theory**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE381**      **Electromagnetic Wave Propagation**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE381H**      **Electromagnetic Wave Propagation**  
(Perm req)      Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENEE408A Capstone Design Project: Microprocessor-Based Design**  
(Perm req) Credits: 3 Grading Method: Regular, Pass-Fail, Audit CORE: CS  
**Contact department for information to register for this course.**

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**ENEE408D Capstone Design Project: Mixed Signal VLSI Design**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**ENEE408G Capstone Design Project: Multimedia Signal Processing**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**ENEE408I Capstone Design Project: Autonomous Control of Interacting Robots**  
(Perm req) Credits: 3 Grading Method: Regular, Pass-Fail, Audit CORE: CS  
**Contact department for information to register for this course.**

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**ENEE408R Capstone Design Project; Electric Bikes**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE408T Capstone Design Project; Accelerator Physics - Building the Maryland 5 MeV Cyclotron**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE413 Advanced Electronic Devices**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE417 Microelectronics Design Laboratory**  
(Perm req) Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE425**      **Digital Signal Processing**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE426**      **Communication Networks**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE428**      **Communications Design Laboratory**  
(Perm req)      Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE439M**      **Topics in Signal Processing; Introduction to Machine Learning**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE440**      **Microprocessors**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE445**      **Computer Laboratory**  
(Perm req)      Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE446**      **Digital Computer Design**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE447**      **Operating Systems**  
(Perm req)      Credits: 4      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE459E**      **Topics in Computer Engineering; Introduction to Cryptology**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE461**      **Control Systems Laboratory**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE463**      **Digital Control Systems**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE473**      **Electrical Machines Laboratory**  
(Perm req)      Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE475**      **Power Electronics**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE488**      **Independent Study in Electrical and Computer Engineering**  
(Perm req)      Credits: 1-3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE489A**      **Topics in Electrophysics; Laboratory for Antennas for Wireless Personal Communication**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE489Q**      **Topics in Electrophysics; Quantum Phenomena in Electrical Engineering**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE496**      **Lasers and Electro-optic Devices**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENEE499**      **Senior Projects in Electrical and Computer Engineering**

(Perm req)

Credits: 1-5      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENEE601      Semiconductor Devices and Technology**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENEE611      Integrated Circuit Design and Analysis**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENEE620      Random Processes in Communication and Control**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENEE621      Estimation and Detection Theory**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENEE625      Multi-user Communication**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENEE627      Information Theory**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENEE631      Digital Image and Video Processing**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENEE632      Speech and Audio Processing**

Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENEE634                  Space-Time Signal Process**

Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENEE640                  Digital CMOS VLSI Design**

Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENEE645                  Compilers and Optimization**

Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENEE661                  Nonlinear Control Systems**

Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENEE664                  Optimal Control**

Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENEE681                  Electromagnetic Theory II**

Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENEE686                  Charged Particle Dynamics, Electron and Ion Beams**

Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**ENEE691**            **Optical Communication Systems**  
Credits: 3            Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**ENEE698D**         **Graduate Seminar; Electrophysics**  
Credits: 1            Grading Method: Regular,  
                              Audit, Sat-Fail  
**Contact department for information to register for this course.**

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**ENEE698E**         **Graduate Seminar; Microelectronics**  
Credits: 1-2         Grading Method: Regular,  
                              Audit, Sat-Fail  
**Contact department for information to register for this course.**

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**ENEE698Q**         **Graduate Seminar; Colloquium Series**  
Credits: 1            Grading Method: Regular,  
                              Audit, Sat-Fail  
**Contact department for information to register for this course.**

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**ENEE699**            **Independent Studies in Electrical Engineering**  
(Perm req)         Credits: 1-3         Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**ENEE759G**         **Advanced Topics in Computer Engineering; Unsupervised Learning**  
Credits: 3            Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**ENEE799**            **Master's Thesis Research**  
(Perm req)         Credits: 1-6         Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**ENEE898**            **Pre-Candidacy Research**  
(Perm req)         Credits: 1-8         Grading Method: Regular, Sat-  
                              Fail  
**Contact department for information to register for this course.**

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**ENEE899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**ENES      Engineering Science      Spring 2017**

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**ENES100**      **Introduction to Engineering Design**  
(Perm req)      Credits: 3      Grading Method: Regular,      CORE: PS  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES100A**      **Introduction to Engineering Design**  
(Perm req)      Credits: 3      Grading Method: Regular,      CORE: PS  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES102**      **Mechanics I**  
(Perm req)      Credits: 3      Grading Method: Regular,  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES108**      **Achieving College Success: First Year Transition**  
(Perm req)      Credits: 1      Grading Method: Regular,  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES114**      **Virtus Seminar II**  
Credits: 1      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENES116**      **FLEXUS Living and Learning Community Seminar II**  
Credits: 1      Grading Method: Regular,  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES140**      **Discovering New Ventures**  
Credits: 3      Grading Method: Regular,  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES190H**      **Introduction to Design and Quality**  
Credits: 4              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENES214**      **Virtus Seminar IV**  
(Perm req)      Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENES216**      **FLEXUS Living and Learning Community Seminar IV**  
Credits: 1              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES220**      **Mechanics II**  
(Perm req)      Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES221**      **Dynamics**  
(Perm req)      Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES232**      **Thermodynamics**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES305**      **RISE Leadership Seminar**  
(Perm req)      Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENES317**      **Introduction to Engineering Leadership**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES390H**      **Systems Thinking for Managerial Decision Making**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES397**      **Mentoring Design and Quality Teams**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES440**      **Science, Technology and Society: Certificate Program Capstone**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES462**      **Marketing High-Technology Products and Innovations**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES466**      **Leading and Financing the Technology Venture**  
(Perm req)  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENES472**      **International Business Cultures in Engineering and Technology**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES474**      **Global Perspectives of Engineering**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENES481**      **Engineering Honors Seminar II**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENES489P Special Topics in Engineering; Hands-on Systems Engineering Projects**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENES489Q Special Topics in Engineering; Design and Innovation in Silicon Valley**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENES490H Quest Consulting and Innovation Practicum**

Credits: 4                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENES491 Defining Consulting and Innovation Projects**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENES498E Special Topics in Entrepreneurship; Entrepreneurship in Chemical and Life Sciences**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENES498R Special Topics in Entrepreneurship; Fearless Founders: New Venture Practicum**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENES601 Future Faculty Program Seminar I**

(Perm req)

Credits: 1                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENES603 Future Faculty Program Seminar III**

(Perm req)

Credits: 1                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**Contact department for information to register for this course.**

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**ENFP320 Fire Assessment Methods and Laboratory**

(Perm req)

Credits: 4 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENFP350 Professional Development Seminar**

(Perm req)

Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENFP410 Advanced Fire Suppression**

(Perm req)

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENFP411 Risk-Informed Performance Based Design**

(Perm req)

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENFP426 Computational Methods in Fire Protection**

(Perm req)

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENFP429 Independent Studies**

(Perm req)

Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENFP440 Smoke Management and Fire Alarm Systems**

(Perm req)

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENFP489 Special Topics**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENFP489N Special Topics; Fire and Explosion Investigations**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENFP611 Fire Induced Flows**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENFP619 Graduate Seminar**  
(Perm req) Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENFP626 Computational Fire Modeling**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENFP627 Smoke Detection and Management**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENFP629 Selected Topics**  
(Perm req) Credits: 3-6 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENFP629I Selected Topics; Industrial Fire Safety**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENFP629N Selected Topics; Fire and Explosion Investigations**



(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENFP649 Special Problems**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENFP651 Advanced Fire Dynamics**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENFP799 Master's Thesis Research**  
(Perm req) Credits: 1-6 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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## **ENGL English Spring 2017**

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**ENGL101 Academic Writing**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL101A Academic Writing**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL101H Academic Writing**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL101S Academic Writing**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL101X Academic Writing**  
Credits: 3 Grading Method: Regular

Contact department for information to register for this course.

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**ENGL120**      **Acting Human: Shakespeare and the Drama of Identity**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL125**      **Why Poetry Matters**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL142**      **Literary Maryland**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL144**      **Breaking News: Contemporary Literature, Media and the State**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL202**      **Inventing Western Literature: Renaissance to Modern**  
Credits: 3              Grading Method: Regular,      CORE: HL  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL222**      **American Literature: 1865 to Present**  
Credits: 3              Grading Method: Regular,      CORE: HL  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL234**      **African-American Literature and Culture**  
Credits: 3              Grading Method: Regular,      CORE: HL, D  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL241**      **What the Novel Does**  
Credits: 3              Grading Method: Regular,      CORE: HL  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL243**      **What is Poetry?**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit              CORE: HL  
**Contact department for information to register for this course.**

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**ENGL245**      **Film Form and Culture**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit              CORE: HA  
**Contact department for information to register for this course.**

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**ENGL250**      **Reading Women Writing**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit              CORE: HL, D  
**Contact department for information to register for this course.**

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**ENGL255**      **Literature of Science and Technology**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit              CORE: HL  
**Contact department for information to register for this course.**

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**ENGL265**      **Lesbian, Gay, Bisexual, and Transgender Literatures**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit              CORE: HL, D  
**Contact department for information to register for this course.**

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**ENGL271**      **Writing Poems and Stories: An Introductory Workshop**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL272**      **Writing Fiction: A Beginning Workshop**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL273**      **Writing Poetry: A Beginning Workshop**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL274 Creative Writing Through The Eyes of African Americans: A Beginning Workshop**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL275 Writing to be Seen: Scriptwriting for Theatre, Film, and Television**

Credits: 3                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**ENGL280 The English Language**

Credits: 3                      Grading Method: Regular,                      CORE: HO  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL292 Writing for Change**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL293 Writing in the Wireless World**

Credits: 3                      Grading Method: Regular,                      CORE: HO  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL297 Introduction to Professional Writing**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENGL301 Critical Methods in the Study of Literature**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENGL302 Medieval Literature in Translation**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL304**      **The Major Works of Shakespeare**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL310**      **Medieval and Renaissance British Literature**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL311**      **British Literature from 1600 to 1800**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL312**      **Romantic to Modern British Literature**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL313**      **American Literature**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL321**      **American Comics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**ENGL329A**      **Special Topics in Film Studies; Cinema of Liberation**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL329D**      **Special Topics in Film Studies; Melodrama**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL329I**      **Special Topics in Film Studies; Film and the Fantastic: Fantasy Films from Melies to Marvel**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL329L**      **Special Topics in Film Studies; The Disney Studio and the Animation Industry**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL329Y**      **Special Topics in Film Studies; A Cinema of Migration as Message**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL346**      **Twentieth Century Fiction**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL349J**      **Asian American Literatures; New World Arrivals: Literature of Asian American Migration and  
Diaspora**  
Credits: 3                      Grading Method: Regular,                      , D  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL352**      **Intermediate Fiction Workshop**  
(Perm req)                      Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL353**      **Intermediate Poetry Workshop**  
(Perm req)                      Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL358E**      **Special Topics in U.S. Latina/o Literature; Transgression and Experimentation in Latinx  
Literature**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL359A            Special Topics in Lesbian, Gay, and Bisexual Literatures; American Autobiographics**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL359C            Special Topics in Lesbian, Gay, and Bisexual Literatures; Queer Comedy**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL360            African, Indian and Caribbean Writers**

Credits: 3                    Grading Method: Regular,                    , D  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL361            Recovering Oral Histories**

Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL362            Caribbean Literature in English**

Credits: 3                    Grading Method: Regular,                    , D  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL370            Junior Honors Conference**

(Perm req)  
Credits: 1                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL379B            Special Topics in Literature; Art, Architecture & Literature**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL379E Special Topics in Literature; Transmedia Fictions: Telling Stories Across Page, Screen and Worlds**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL379F Special Topics in Literature; Books as Bombs: Key Texts from the 1960s**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL379M Special Topics in Literature; British Plays in Performance**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL379R Special Topics in Literature; The Jazz Paradigm**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL379Z Special Topics in Literature; Women and Memory in Material and Digital Worlds**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL388C Writing Internship; Writing for Change**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**ENGL388D Writing Internship; Dickinson Electronic Archives**

(Perm req)

Credits: 1-6                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**ENGL388P Writing Internship; Pre-professional Writing Skills Internship**

(Perm req)

Credits: 1-6                      Grading Method: Regular

**Contact department for information to register for this course.**



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**ENGL388R**      **Writing Internship; Romantic Circles**  
(Perm req)      Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL388T**      **Writing Internship; MITH Internships**  
(Perm req)      Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL388V**      **Writing Internship; Undergraduate Teaching Assistants in Writing Programs**  
(Perm req)      Credits: 1-6      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**ENGL388W**      **Writing Internship; Writing Center Internship**  
(Perm req)      Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL390**      **Science Writing**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL390H**      **Science Writing**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL391**      **Advanced Composition**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL391H**      **Advanced Composition**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL392**      **Legal Writing**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL393**      **Technical Writing**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL393H**      **Technical Writing**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL393Q**      **Technical Writing**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL393X**      **Technical Writing**  
(Perm req)      Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL394**      **Business Writing**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL395**      **Writing for Health Professions**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL398A**      **Topics in Professional Writing; Writing for the Arts**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL398B**      **Topics in Professional Writing; Writing for Social Entrepreneurship**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL398C**      **Topics in Professional Writing; Writing Case Studies and Investigative Reports**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL398E**      **Topics in Professional Writing; Writing about Economics**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL398L**      **Topics in Professional Writing; Scholarly Writing in the Humanities**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL398N**      **Topics in Professional Writing; Writing for Non-Profit Organizations**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL398R**      **Topics in Professional Writing; Writing Non-Fictional Narratives**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL398V**      **Topics in Professional Writing; Writing about the Environment**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL403**      **Shakespeare: The Early Works**  
Credits: 3              Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL404**      **Shakespeare: The Later Works**  
Credits: 3              Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL408B**      **Literature by Women Before 1800; The Battle of the Sexes**  
Credits: 3              Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL416**      **Literature of the Eighteenth Century, 1700-1750**  
Credits: 3              Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL420 English Romantic Literature**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL425 Modern British Literature**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL428C Seminar in Language and Literature; Anglo-American Poetry, Romantics through the 20th Century**

(Perm req)                      Grading Method: Regular,  
Credits: 3                      Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL429 Independent Research in English**

(Perm req)                      Credits: 1-6                      Grading Method: Regular

**Contact department for information to register for this course.**

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**ENGL431 American Literature: 1810 to 1865, the American Renaissance**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL433 American Literature: 1914 to the Present, the Modern Period**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL437 Contemporary American Literature**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL456 The Nineteenth-Century English Novel**

Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL462            Folksong and Ballad**

Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL466            Arthurian Legend**

Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL471            African-American Literature: 1910-1945**

Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL475            Postmodern Literature**

Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL478J          Selected Topics in English and American Literature before 1800; Love Poetry of the English Renaissance**

Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL478K          Selected Topics in English and American Literature before 1800; Early Modern to Post-Modern Poetry**

Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL479I          Selected Topics in English and American Literature after 1800; Global Ecologies, Environmental Literature and Film**

Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENGL479M Selected Topics in English and American Literature after 1800; Roots, Music and Film**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL479O Selected Topics in English and American Literature after 1800; Postcolonialism**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL479Q Selected Topics in English and American Literature after 1800; The Idea of Mystery in Literature**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL479Y Selected Topics in English and American Literature after 1800; Seminar in Poetry Translation**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL482 History of the English Language**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL487 Foundations of Rhetoric**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL488D Topics in Advanced Writing; Writing Studies**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL488G Topics in Advanced Writing; Rhetoric of Style**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ENGL489G Special Topics in Language and Rhetoric; How Presidents Communicate: From Political Spin to Presidential Autobiography**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL493 Advanced Writing Theory and Practice**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL495 Independent Study in Honors**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL498 Advanced Fiction Workshop; Advanced Fiction Workshop**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL499 Advanced Poetry Workshop; Advanced Poetry Workshop**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENGL602 Critical Theory and Literary Criticism**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENGL609 Technologies of Writing**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENGL611 Approaches to College Composition**

(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL621 Readings in Renaissance English Literature**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL631 Readings in 20th Century American Literature**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL668K Readings in Modern Literary Theory; Introduction to Digital Studies in the Arts and Humanities**  
(Perm req) Credits: 3-6 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL688 Poetry Workshop; Poetry Workshop**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL689 Fiction Workshop; Fiction Workshop**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL699 Independent Study**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL729D Seminar in Eighteenth-Century Literature; Novels as Novelties**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL738A Seminar in Nineteenth-Century Literature; Romanticism and the Encounter with the Negative**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL748I Seminar in American Literature; Oceanic Studies, Middle Passages, and the Sea Narrative**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL749I Studies in Twentieth-Century Literature; African American Literary Modernism**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL779B Seminar in Language Study; Linguistic Constructions of Affect and Identity**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL788 Studies in Poetic Form**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL789 Form and Theory in Fiction**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL798B Critical Theory Colloquium**  
(Perm req) Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL798D Critical Theory Colloquium; Digital Studies**  
(Perm req) Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENGL799**      **Master's Thesis Research**  
(Perm req)      Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL809**      **Academic Publishing Workshop**  
(Perm req)      Credits: 1-2      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**ENGL878**      **Pedagogical Mentoring for Doctoral Students**  
(Perm req)      Credits: 1-3      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**ENGL879**      **Professional Mentoring for Doctoral Students**  
(Perm req)      Credits: 1-3      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**ENGL898**      **Pre-Candidacy Research**  
(Perm req)      Credits: 1-8      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENGL899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENMA**      **Engineering, Materials**      **Spring 2017**

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**ENMA289A**      **Bigger, Faster, Better: The Quest for Absolute Technology**  
Credits: 3      Grading Method: Regular,      CORE: PS  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA300**      **Introduction to Materials Engineering**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA301**      **Modern Materials Engineering**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA312**      **Experimental Methods in Materials Science**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA411**      **Materials for Energy II**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENMA425**      **Introduction to Biomaterials**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA430**      **Nanosized Materials**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA460**      **Physics of Solid Materials**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA461**      **Thermodynamics of Materials**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA464**      **Environmental Effects on Engineering Materials**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA465**      **Microprocessing Materials**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA470**      **Materials Selection for Engineering Design**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA481**      **Introduction to Electronic and Optical Materials**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA489T**      **Selected Topics in Engineering Materials; Accelerator Physics - Building the Maryland 5 MeV Cyclotron**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA489X**      **Selected Topics in Engineering Materials; Physics, Material Chemistry and Device Applications at the Nanoscale**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA490**      **Materials Design**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA496**      **Processing and Engineering of Polymers**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENMA499**      **Senior Laboratory Project**

(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENMA620 Polymer Physics**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENMA630 Advanced Nanosized Materials: Synthesis and Utilization**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENMA661 Kinetics of Reactions in Materials**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENMA671 Defects in Materials**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENMA685 Advanced Electrical and Optical Materials**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENMA688 Seminar in Materials Science and Engineering**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENMA698 Special Problems in Materials Science and Engineering**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME332 Transfer Processes**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME350 Electronics and Instrumentation I**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENME351 Electronics and Instrumentation II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME361 Vibration, Controls and Optimization I**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME371 Product Engineering and Manufacturing**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME382 Introduction to Materials Engineering**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME392 Statistical Methods for Product and Processes Development**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME400 Machine Design**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME406 Roller Coaster Engineering**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME408 Selected Topics in Engineering Design; Automotive Design**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME421 Engineering Design Ideation**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME424 Urban Microclimate and Energy**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME427 CSI Mechanical: Finding Reasons for Compromised Structural Integrity**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME431 Nuclear Reactor Systems and Safety**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME432 Reactor and Radiation Measurements Laboratory**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME436 Renewable Energy**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME461 Control Systems Laboratory**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME462 Vibrations, Controls, and Optimization II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME464 Cost Analysis for Engineers**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME465 Probability-Based Design**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME466 Lean Six Sigma**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENME470 Finite Element Analysis**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME472 Integrated Product and Process Development**  
(Perm req) Credits: 3 Grading Method: Regular, CORE: CS  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENME488 Special Problems**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME489 Special Topics in Mechanical Engineering**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME489B Special Topics in Mechanical Engineering; Mechatronics and the Internet of Things**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**ENME489D Special Topics in Mechanical Engineering; Flight Dynamics and Simulation**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME489I Special Topics in Mechanical Engineering; Computational Fluid Mechanics**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME489L Special Topics in Mechanical Engineering; Bio-Inspired Robotics**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME489M Special Topics in Mechanical Engineering; Ultra Energy Efficient Thermal System Design I**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME489N Special Topics in Mechanical Engineering; Residential and Industrial Energy Audits**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME489P Special Topics in Mechanical Engineering; Internal Combustion Engines**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME489W Special Topics in Mechanical Engineering; Pollution and Waste Technology**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME489Y Special Topics in Mechanical Engineering; Remote Sensing**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME605 Advanced Systems Control**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENME607 Engineering Decision Making and Risk Management**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENME625 Multidisciplinary Optimization**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENME632 Advanced Convection Heat Transfer**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENME635 Energy Systems Analysis**

Credits: 3                      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**ENME646      Computational Fluid Dynamics**

Credits: 3                      Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**ENME665      Advanced Topics in Vibrations**

Credits: 3                      Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**ENME695      Design for Reliability**

Credits: 3                      Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**ENME707      Combustion and Reacting Flow**

Credits: 3                      Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**ENME742      Urban Microclimate and Energy**

Credits: 3                      Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**ENME799      Master's Thesis Research**

(Perm req)

Credits: 1-6                      Grading Method: Regular

Contact department for information to register for this course.

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**ENME808      Advanced Topics in Mechanical Engineering**

Credits: 3                      Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**ENME808P      Advanced Topics in Mechanical Engineering; Ultra Energy Efficient Thermal System Design I**

Credits: 3                      Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**ENME808Z      Advanced Topics in Mechanical Engineering; Fundamentals of Optics and Optical Systems for Engineers**

Credits: 2-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**ENME898      Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular

Contact department for information to register for this course.

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**ENME899      Doctoral Dissertation Research**

(Perm req)      Credits: 6      Grading Method: Regular

Contact department for information to register for this course.

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**ENPM      Engineering, Professional Masters      Spring 2017**

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**ENPM601      Analog and Digital Communication Systems**

(Perm req)      Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**ENPM602      Data Networks**

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**ENPM604      Wireless Communication Networks**

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**ENPM607      Computer System Design and Architecture**

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**ENPM612      System and Software Requirements**

(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM614 Software Testing & Maintenance**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM615 Embedded Systems**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM625 Heating, Ventilation and Air Conditioning of Buildings**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM632 Advanced TCP/IP Networking**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

---

**ENPM642 Systems Requirements, Design and Trade-Off Analysis**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM644 Human Factors in Systems Engineering**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM646 System Life Cycle Cost Analysis and Risk Management**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM682 Shockwave Physics II**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM683 Chemistry of Energetic Materials**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM686 Information Assurance**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM691 Programming in C for Cybersecurity Applications**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM695 Secure Operating Systems**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM697 Secure Software Testing and Construction**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM808 Advanced Topics in Engineering**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENPM808C Advanced Topics in Engineering; Ocean Energy Harvesting**  
Credits: 3 Grading Method: Regular,  
Audit





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**ENRE489 Special Topics in Reliability Engineering**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENRE640 Collection and Analysis of Reliability Data**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENRE645 Human Reliability Analysis**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENRE648 Special Problems in Reliability Engineering**  
(Perm req) Credits: 1-6 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENRE655 Advanced Methods in Reliability Modeling**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENRE671 Risk Assessment in Engineering**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ENRE799 Master's Thesis Research**  
Credits: 1-6 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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**ENRE898 Pre-Candidacy Research**  
Credits: 1-8 Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

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**ENSE899**      **Doctoral Dissertation Research**

(Perm req)

Credits: 6                      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

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**ENSE**      **Systems Engineering**

**Spring 2017**

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**ENSE622**      **Systems Requirements, Design and Trade-Off Analysis**

(Perm req)

Credits: 3                      Grading Method: Regular, Audit

Contact department for information to register for this course.

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**ENSE624**      **Human Factors in Systems Engineering**

(Perm req)

Credits: 3                      Grading Method: Regular, Audit

Contact department for information to register for this course.

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**ENSE626**      **System Life Cycle Analysis and Risk Management**

(Perm req)

Credits: 3                      Grading Method: Regular, Audit

Contact department for information to register for this course.

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**ENSE627**      **Systems Quality and Robustness Analysis**

(Perm req)

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**ENSE698G**      **Special Topics in Systems Engineering; Human Reliability Analysis**

Credits: 3                      Grading Method: Regular, Audit

Contact department for information to register for this course.

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**ENSE698O**      **Special Topics in Systems Engineering; Multi-user Communication**

Credits: 3                      Grading Method: Regular, Audit

Contact department for information to register for this course.

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**ENSE699**      **Directed Study in Systems Engineering**

(Perm req) Credits: 1-3 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**ENSE799** **Systems Engineering Thesis; Masters Thesis Research**  
(Perm req) Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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## **ENSP Environmental Science and Policy Spring 2017**

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**ENSP102** **Introduction to Environmental Policy**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENSP330** **Introduction to Environmental Law**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENSP342** **Environmental Threats to Oceans and Coasts: Towards an Integrated Policy Response**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENSP386** **Internship**  
(Perm req) Credits: 3-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENSP399** **Special Topics in Environmental Science and Policy**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENSP399R** **Special Topics in Environmental Science and Policy; Research**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENSP400** **Capstone in Environmental Science and Policy**

(Perm req)

Credits: 3

Grading Method: Regular

CORE: CS

**Contact department for information to register for this course.**

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**ENSP499**

**Honors Thesis Research**

Credits: 1-6

Grading Method: Regular

**Contact department for information to register for this course.**

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**ENST**

## **Environmental Science and Technology**

**Spring 2017**

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**ENST140**

**Sustainability and History: The Maryland Experience**

Credits: 3

Grading Method: Regular

**Contact department for information to register for this course.**

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**ENST233**

**Introduction to Environmental Health**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENST309**

**Advanced Field Soil Morphology**

Credits: 1

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENST334**

**Environmental Toxicology**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENST360**

**Ecosystem Ecology**

Credits: 4

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENST388**

**Honors Thesis Research**

Credits: 3-6

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**ENST389 Internship**  
(Perm req) Credits: 3 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**ENST405 Energy and Environment**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST406 Applied Forestry Practices**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST421 Soil Chemistry**  
Credits: 4 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST423 Soil-Water Pollution**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST430 Wetland Soils**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST432 Environmental Microbiology**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST436 Emerging Environmental Threats**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST445 Ecological Risk Assessment**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST452 Wetland Restoration**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST453 Watershed Science: Water Balance, Open Channel Flow, and Near Surface Hydrology**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST462 Field Techniques in Wildlife Management**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST466 Ecology and Management of Wildlife Habitats**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST467 Ecology and Management of Wildlife Habitats Lab**  
Credits: 2 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST472 Capstone II**  
(Perm req) Credits: 3 Grading Method: Regular, CORE: CS  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST481 Ecological Design**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST489**      **Field Experience**  
(Perm req)      Credits: 1-4      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST499**      **Special Topics in Environmental Science and Technology**  
(Perm req)      Credits: 1-4      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST499D**      **Special Topics in Environmental Science and Technology; Anaerobic Digestion Design and Testing**  
Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST499Q**      **Special Topics in Environmental Science and Technology; Biosphere 2 and Ecological Design in the Desert**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST499T**      **Special Topics in Environmental Science and Technology; Spatial Analysis and Ecological Sampling**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST499Y**      **Special Topics in Environmental Science and Technology; College Teaching**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST499Z**      **Special Topics in Environmental Science and Technology; Introductory University Instruction**  
Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENST630**      **Advanced Wetland Soils**



Credits: 3                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**ENST681                    Advanced Ecological Design**

Credits: 3                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**ENST689C                Special Topics; Adaptation and Resilience in Urban Social-Ecological Systems**

Credits: 3                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**ENST689D                Special Topics; Anaerobic Digestion Design and Testing**

Credits: 1                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**ENST689N                Special Topics; Living Machine and Aquatic Restorer Construction**

Credits: 2                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**ENST689P                Special Topics; Water and Development: A Global Change**

Credits: 1-3                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**ENST689Y                Special Topics; Advances in Research, Plant Membrane Biology**

Credits: 2                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**ENST689Z                Special Topics; Introductory University Instruction**

Credits: 1                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**ENST702 Environmental Science and Technology: Communication and Professional Development**

Credits: 2 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENST798 Graduate Seminar**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENST799 Master's Thesis Research**

Credits: 1-6 Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**ENST898 Pre-Candidacy Research**

Credits: 1-8 Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**ENST899 Doctoral Dissertation Research**

(Perm req)

Credits: 6 Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**ENTM Entomology**

**Spring 2017**

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**ENTM612 Insect Ecology**

Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENTM699J Advanced Entomology**

Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENTM720 Native, Invasive, and Exotic Species**

Credits: 3 Grading Method: Regular

**Contact department for information to register for this course.**

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**ENTM725**      **IPM Practices**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENTM740**      **Organic Practices**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ENTM746**      **Commercial Beekeeping**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENTM788C**      **Entomological Topics; Colloquium**  
Credits: 1-3              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**ENTM798B**      **Topic Seminar; Writing: the Myth of the Big Chunk of Time**  
Credits: 1              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**ENTM798D**      **Topic Seminar; Arthropod Pests of Agricultural Crops**  
Credits: 1              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**ENTM799**      **Master's Thesis Research**  
Credits: 1-6              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENTM898**      **Pre-Candidacy Research**  
Credits: 1-8              Grading Method: Regular  
**Contact department for information to register for this course.**

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**ENTM899**      **Doctoral Dissertation Research**

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**ENTS649M      Special Topics in Networking; Multi-user Communication**

Credits: 3            Grading Method: Regular,  
                              Audit

**Contact department for information to register for this course.**

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**ENTS656      Introduction to Cellular Communication Networks**

Credits: 3            Grading Method: Regular,  
                              Audit

**Contact department for information to register for this course.**

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**ENTS669A    Special Topics in Computing; Embedded Systems**

Credits: 3            Grading Method: Regular,  
                              Audit

**Contact department for information to register for this course.**

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**ENTS669B    Special Topics in Computing; Distributed Systems in a Virtual Environment**

Credits: 3            Grading Method: Regular,  
                              Audit

**Contact department for information to register for this course.**

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**ENTS669D    Special Topics in Computing; Introduction to Machine Learning**

Credits: 3            Grading Method: Regular

**Contact department for information to register for this course.**

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**ENTS670      Introduction to Business and Entrepreneurship**

Credits: 3            Grading Method: Regular,  
                              Audit

**Contact department for information to register for this course.**

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**ENTS689L    Special Topics in Telecommunications; Cellular Network Infrastructure - Cell Site Design and Components**

Credits: 3            Grading Method: Regular,  
                              Audit

**Contact department for information to register for this course.**

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**ENTS749A    Advanced Topics in Networking; Network Traffic and Application Performance Analysis**

Credits: 3            Grading Method: Regular,  
                              Audit

**Contact department for information to register for this course.**

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Contact department for information to register for this course.

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**EPIB788**      **Critical Readings in Epidemiology and Biostatistics**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**EPIB798**      **Independent Study**

(Perm req)

Credits: 1-6      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**EPIB799**      **Master's Thesis Research**

(Perm req)

Credits: 1-6      Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

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**EPIB898**      **Pre-Candidacy Research**

(Perm req)

Credits: 1-8      Grading Method: Regular

Contact department for information to register for this course.

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**EPIB899**      **Doctoral Dissertation Research**

(Perm req)

Credits: 6      Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

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**EXST**      **Office of Extended Studies**

**Spring 2017**

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**EXST155**      **UMD MCAT Preparation Program**

Credits: 0      Grading Method:

Contact department for information to register for this course.

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**FGSM**      **Federal and Global Semester**

**Spring 2017**

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**FGSM398**      **Federal and Global Experiential Learning**

Credits: 3-9      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**FILM245 Film Form and Culture**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit                      CORE: HA

**Contact department for information to register for this course.**

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**FILM302 Cinema History II: The Sound Era**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FILM344 Film and the Fantastic**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FILM359F Special Topics in Genres/Auteurs/Cinema Movements; Contemporary French Filmmakers: Annaud, Audiard, Besson**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FILM359L Special Topics in Genres/Auteurs/Cinema Movements; The Disney Studio and the Animation Industry**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FILM359M Special Topics in Genres/Auteurs/Cinema Movements; Melodrama**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FILM369C Special Topics in Film Theories; Cinema and History**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FILM385 German Cinema**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FILM388**                      **Experiential Learning: Film Studies**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**FILM419A**                      **Special Topics in Documentary, Animation, Experimental Cinema, and Other Media; The Essay Form Across Media**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FILM431**                      **Italian Cinema II - In Translation**  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FILM469C**                      **Special Topics in Film Theories II; Cinema and Empire**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FILM499**                      **Directed Study in Film Studies**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FIRE**                      **First-Year Innovation & Research Experience**                      **Spring 2017**

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**FIRE150**                      **FIRE SEMESTER 2: Antibiotic Resistance**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE151**                      **FIRE SEMESTER 2: Sustainability Analytics**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE152**      **FIRE SEMESTER 2: Environmental Pathogens**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE153**      **FIRE SEMESTER 2: Found In Translation**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE154**      **FIRE SEMESTER 2: Risk Communication & Resilience**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE155**      **FIRE SEMESTER 2: Terrapin Genome Project**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE157**      **FIRE SEMESTER 2: Addiction Science**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE160**      **FIRE SEMESTER 2: Transgenerational Brain Initiative**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE163**      **FIRE SEMESTER 2: Animal and Human Relationships**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE164**      **FIRE SEMESTER 2: Autonomous Unmanned Systems**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE165**      **FIRE SEMESTER 2: Designing Innovations**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE166**      **FIRE SEMESTER 2: Evolution of Exaggerated Traits**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE167      FIRE SEMESTER 2: Felons not Families**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FIRE170      FIRE SEMESTER 2: Phillips Virtual Culture**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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## **FMSC      Family Science      Spring 2017**

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**FMSC170      Future of Families: Issues and Controversies**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC190      Man Up! Where Are The Fathers?**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FMSC260      Couple Relationships**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC290      Family Economics**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC302      Research Methods in Family Science**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC310      Maternal, Child and Family Health**

Credits: 3                      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**FMSC330                      Family Theories and Patterns**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC332                      Children in Families**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC341                      Personal and Family Finance**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC381                      Poverty, Affluence, and Families**

Credits: 3                      Grading Method: Regular,                      , D  
Pass-Fail  
**Contact department for information to register for this course.**

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**FMSC383                      Delivery of Human Services to Families**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC399                      Independent Study**  
(Perm req)

Credits: 1-6                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC430                      Gender Issues in Families**

Credits: 3                      Grading Method: Regular,                      , D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC431**      **Family Crises and Intervention**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC432**      **Adult Development and Aging in Families**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC460**      **Violence in Families**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC477**      **Internship and Analysis in Family Science**  
(Perm req)                      Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FMSC487**      **Legal Aspects of Family Problems**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC498**      **Special Topics: Family Science; Family Studies**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**FMSC498H**      **Special Topics: Family Science; Family Studies Honors Thesis**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC498M**      **Special Topics: Family Science; Theory and Techniques of Family Mediation**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FMSC610**         **Research Methods in Family Science**  
(Perm req)                                      Grading Method: Regular,  
Credits: 3                                      Audit  
**Contact department for information to register for this course.**

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**FMSC641**         **Couples Therapy, Theory, and Techniques**  
Credits: 3                                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FMSC642**         **Normal and Abnormal Individual and Family Development**  
Credits: 3                                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**FMSC647**         **Theory and Techniques of Family Mediation**  
Credits: 3                                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**FMSC651**         **Psychopathology in the Family Context**  
(Perm req)                                      Grading Method: Regular,  
Credits: 3                                      Audit  
**Contact department for information to register for this course.**

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**FMSC653**         **Advanced Application of MFT Models and Techniques**  
(Perm req)                                      Grading Method: Regular,  
Credits: 3                                      Audit  
**Contact department for information to register for this course.**

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**FMSC658**         **Supervised Clinical Practice of Marriage and Family Therapy; Theory and Practice of Clinical Supervision**  
(Perm req)                                      Grading Method: Regular,  
Credits: 2                                      Audit  
**Contact department for information to register for this course.**

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**FMSC689**         **Research Internship**  
(Perm req)                                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**FMSC898**      **Pre-Candidacy Research**  
Credits: 1-8      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**FMSC899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**FOLA**      **Foreign Language**      **Spring 2017**

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**FOLA139X**      **Directed Study of a Foreign Language II; Urdu**  
(Perm req)      Credits: 3      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FREN**      **French**      **Spring 2017**

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**FREN103**      **Intensive Elementary French**  
Credits: 4      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**FREN203**      **Intensive Intermediate French**  
Credits: 4      Grading Method: Regular, Pass-Fail, Audit      CORE: HO  
**Contact department for information to register for this course.**

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**FREN204**      **French Grammar and Composition**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HO  
**Contact department for information to register for this course.**

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**FREN250**      **Introduction to Cultural and Textual Analysis**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HL  
**Contact department for information to register for this course.**

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**FREN250H**      **Introduction to Cultural and Textual Analysis**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HL

**Contact department for information to register for this course.**

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**FREN301                      Composition and Style**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FREN303                      Translation: English to French**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FREN311                      Advanced Oral Expression**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FREN352                      From the Age of Epic and Romance to the Enlightenment**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FREN352H                      From the Age of Epic and Romance to the Enlightenment**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**FREN386                      Experiential Learning**

(Perm req)

Credits: 3-6                      Grading Method: Regular,  
   Pass-Fail

**Contact department for information to register for this course.**

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**FREN389A                      Critical Writing on France and the French-Speaking World; Animals and Literary Zoos**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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<b>FREN398F</b>	<b>Special Topics in French and Francophone Studies; Contemporary French Filmmakers: Annaud, Audiard, Besson</b>	
	Credits: 3	Grading Method: Regular, Pass-Fail, Audit
	<b>Contact department for information to register for this course.</b>	
<b>FREN399</b>	<b>Directed Study in French</b>	
(Perm req)	Credits: 1-3	Grading Method: Regular
	<b>Contact department for information to register for this course.</b>	
<b>FREN495H</b>	<b>Honors Thesis Research</b>	
(Perm req)	Credits: 3	Grading Method: Regular, Pass-Fail, Audit
	<b>Contact department for information to register for this course.</b>	
<b>FREN498G</b>	<b>Special Topics in French Literature; Gender and Identity in Film and Literature of the French-Speaking World</b>	
	Credits: 3	Grading Method: Regular, Pass-Fail, Audit
	<b>Contact department for information to register for this course.</b>	
<b>FREN498L</b>	<b>Special Topics in French Literature; Love and Power in French Fiction</b>	
	Credits: 3	Grading Method: Regular, Pass-Fail, Audit
	<b>Contact department for information to register for this course.</b>	
<b>FREN699A</b>	<b>Seminar; Theories, Philosophies and Revolutionary Texts of the</b>	<b>French-Speaking World</b>
	Credits: 3	Grading Method: Regular, Audit
	<b>Contact department for information to register for this course.</b>	
<b>FREN699E</b>	<b>Seminar; Science Fiction in the Enlightenment</b>	
	Credits: 3	Grading Method: Regular, Audit
	<b>Contact department for information to register for this course.</b>	
<b>FREN699M</b>	<b>Seminar; (Un)Doing Gender and Sexuality circa 1800: French, Germanic and Hispanic Discourses</b>	
	Credits: 3	Grading Method: Regular, Audit

Contact department for information to register for this course.

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**FREN798 Master's Independent Study**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**FREN799 Master's Thesis Research**

Credits: 1-6      Grading Method: Regular

Contact department for information to register for this course.

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**FREN889 Doctoral Independent Study**

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**FREN898 Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular

Contact department for information to register for this course.

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**FREN899 Doctoral Dissertation Research**

(Perm req)

Credits: 6      Grading Method: Regular

Contact department for information to register for this course.

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**GEMS Gemstone**

**Spring 2017**

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**GEMS102 Research Topic Exploration and Team Formation**

Credits: 1      Grading Method: Regular

Contact department for information to register for this course.

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**GEMS104 Topics in Science, Technology and Society (STS)**

Credits: 3      Grading Method: Regular,      CORE: IE  
Audit

Contact department for information to register for this course.

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**GEMS208E Special Topics in Leadership and Team Development; Research Topic Exploration Teaching Freshmen First Time Section Leader**

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**GEMS208F Special Topics in Leadership and Team Development; Research Topic Exploration Teaching Freshmen: Returner Section Leader**

Credits: 1-3                    Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**GEMS208G Special Topics in Leadership and Team Development; Science, Technology and Society Teaching Freshmen First Time Section Leader**

Credits: 1-3                    Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**GEMS208I Special Topics in Leadership and Team Development; Science, Technology & Society Teaching Freshman, Returnee Section Leader**

Credits: 1-3                    Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**GEMS208J Special Topics in Leadership and Team Development; Gems Camp**

Credits: 1-3                    Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**GEMS208K Special Topics in Leadership and Team Development; GEMS Connect**

Credits: 1-3                    Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**GEMS208L Special Topics in Leadership and Team Development; GEMS GSC Executive Board**

Credits: 1-3                    Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**GEMS208T Special Topics in Leadership and Team Development; Thesis Conference Planning Team**

Credits: 1                    Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG202                      Introduction to Human Geography**  
  
Credits: 3                      Grading Method: Regular,                      CORE: SB  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG211                      Geography of Environmental Systems Laboratory**  
  
Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG212                      Career Planning for Geographical Sciences, GIS, and ENSP Majors**  
(Perm req)  
Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG301                      Advanced Geographical Environmental Systems**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG306                      Introduction to Quantitative Methods for the Geographic Environmental Sciences**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG331                      Introduction to Human Dimensions of Global Change**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG335                      Population Geography**  
  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG372 Remote Sensing**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG373 Geographic Information Systems**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG376 Introduction to Computer Programming for GIS**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG384 Internship in Geography I**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**GEOG384H Internship in Geography I**  
Credits: 3 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**GEOG385 Internship in Geography II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG385H Internship in Geography II**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG396 Honors Research**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**





**Contact department for information to register for this course.**

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**GEOG473 Geographic Information Systems and Spatial Analysis**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG498 Topical Investigations**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG498B Topical Investigations; Coupled Human and Natural Systems**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG498I Topical Investigations; Geospatial Algorithms and Data Structures**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOG606 Quantitative Spatial Analysis**  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**GEOG608 Comprehensive Portfolio Assessment Summary**  
Credits: 1-3                      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**GEOG630 Climate, Energy, and Policy**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**GEOG632 Economic Geography**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**GEOG662      Advances in GIS and Remote Sensing**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**GEOG686      Mobile GIS and Geocomputing**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**GEOG788      Selected Topics in Geography**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**GEOG788B     Selected Topics in Geography; Coupled Human and Natural Systems**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**GEOG788D     Selected Topics in Geography; From Communicating Science to Facilitating Learning and Didactical Skill**  
Credits: 3                      Grading Method: Regular,  
    Audit, Sat-Fail  
**Contact department for information to register for this course.**

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**GEOG788I     Selected Topics in Geography; Geospatial Algorithms and Data Structures**  
Credits: 3                      Grading Method: Regular,  
    Audit, Sat-Fail  
**Contact department for information to register for this course.**

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**GEOG788M     Selected Topics in Geography; Migration: Latin America and the United States**  
Credits: 3                      Grading Method: Regular,  
    Audit, Sat-Fail  
**Contact department for information to register for this course.**

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**GEOG789      Independent Readings**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
    Audit



Credits: 1                    Grading Method: Regular,  
                                  Pass-Fail  
**Contact department for information to register for this course.**

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**GEOL120            Environmental Geology**

Credits: 3                    Grading Method: Regular,                    CORE: PS  
                                  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL123            Causes and Consequences of Global Change**

Credits: 3                    Grading Method: Regular,                    CORE: PS  
                                  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL204            Dinosaurs, Early Humans, Ancestors, and Evolution; The Fossil Record of Vanished Worlds of the Prehistoric Past**

Credits: 3                    Grading Method: Regular,                    CORE: PS  
                                  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL322            Mineralogy**

Credits: 4                    Grading Method: Regular,  
                                  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL340            Geomorphology**

Credits: 4                    Grading Method: Regular,  
                                  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL341            Structural Geology**

Credits: 4                    Grading Method: Regular,  
                                  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL342            Sedimentation and Stratigraphy**

Credits: 4                    Grading Method: Regular,  
                                  Pass-Fail

**Contact department for information to register for this course.**

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**GEOL388I      Field Studies II; The Geology, Ecology, and Sustainable Technologies of the Island of Hawaii**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**GEOL393      Geology Senior Thesis I: Proposal**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**GEOL394      Geology Senior Thesis II: Research**

Credits: 3                      Grading Method: Regular                      CORE: CS

**Contact department for information to register for this course.**

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**GEOL431      Vertebrate Paleobiology**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL435      Environmental Geochemistry**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL443      Petrology**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL457      Seismology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL463      Economic Geology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GEOL488      Geology Colloquium**

Credits: 1            Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**GEOL489Q      Special Topics; Applications of Stable Isotopes in Surface Environments**

Credits: 3            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOL489R      Special Topics; Geoscience Communications**

Credits: 3            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOL497      Recent Advances: Geology**

Credits: 3            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOL497H     Recent Advances: Geology**

Credits: 3            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOL499      Special Problems in Geology**

(Perm req)  
Credits: 1-3            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOL635      Environmental Geochemistry**

Credits: 3            Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GEOL653      Advanced Problems in Economic Geology**

Credits: 3            Grading Method: Regular,  
                         Audit  
**Contact department for information to register for this course.**

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**GEOL657      Seismic Wave Propagation**

Credits: 3                    Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**GEOL688                    Geology Colloquium**  
Credits: 1                    Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**GEOL789E                    Recent Advances in Geology; Inverse Theory**  
Credits: 3                    Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**GEOL789Q                    Recent Advances in Geology; Applications of Stable Isotopes in Surface Environments**  
Credits: 3                    Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**GEOL789R                    Recent Advances in Geology; Geoscience Communications**  
Credits: 3                    Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**GEOL798                    Seminar in Geology**  
(Perm req)                    Credits: 1-3                    Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**GEOL799                    Master's Thesis Research**  
Credits: 1-6                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**GEOL898                    Pre-Candidacy Research**  
Credits: 1-8                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**GEOL899                    Doctoral Dissertation Research**  
(Perm req)                    Credits: 6                    Grading Method: Regular



Contact department for information to register for this course.

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## **GERM Germanic Studies**

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**Spring 2017**

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**GERM103 Intensive Elementary German**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GERM148Y Germanic Languages - Elementary I; Yiddish I**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GERM203 Intensive Intermediate German**

Credits: 4                      Grading Method: Regular,                      CORE: HO  
Audit

**Contact department for information to register for this course.**

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**GERM204 German Grammar Review**

Credits: 3                      Grading Method: Regular,                      CORE: HO  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GERM301 Conversation and Composition I: The German-Speaking World**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GERM302 Conversation and Composition II: Current Topics in German-Speaking Society**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GERM315 Practicum in Translation I**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GERM320 Survey of German Studies**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GERM320H      Survey of German Studies**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GERM385      German Cinema**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GERM386      Experiential Learning**  
(Perm req)

Credits: 3-6                      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**GERM397H      Honors Reading (Independent Study)**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GERM403      Advanced Composition**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GERM403H      Advanced Composition**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GERM439T      Selected Topics in German Literature; Travel, Postcolonialism, and the Literature of German Speaking Countries**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GERM488A Capstone Seminar; BERLIN: CAPITAL CITY OF THE 20TH CENTURY**

Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GERM499 Directed Study**

(Perm req)  
Credits: 1-3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GERM689F Special Topics - M.A. Level; Travel, Postcolonialism, and the Literature of German Speaking Countries**

Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GERM689M Special Topics - M.A. Level; (Un)Doing Gender and Sexuality circa 1800: French, Germanic and Hispanic Discourses**

Credits: 1-3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GERM798 Master's Independent Study**

Credits: 1-3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GERM799 Master's Thesis Research**

Credits: 1-6 Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**GERM888 Doctoral Independent Study**

(Perm req)  
Credits: 1-3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GERM898 Pre-Candidacy Research**

Credits: 1-8 Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

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**GERM899**

**Doctoral Dissertation Research**

(Perm req)

Credits: 6                      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

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**GREK**

**Greek**

**Spring 2017**

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**GREK102**

**Elementary Ancient Greek II**

Credits: 4                      Grading Method: Regular, Pass-Fail, Audit

Contact department for information to register for this course.

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**GREK112**

**Elementary Modern Greek II**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit

Contact department for information to register for this course.

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**GREK212**

**Intermediate Modern Greek II**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit

Contact department for information to register for this course.

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**GREK301**

**Scenes from Athenian Life**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit

Contact department for information to register for this course.

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**GREK399A**

**Topics in Advanced Modern Greek Language and Culture; Advanced Modern Greek II**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit

Contact department for information to register for this course.

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**GREK488E**

**Greek Readings; Greek Historians**

Credits: 3                      Grading Method: Regular, Pass-Fail, Audit

Contact department for information to register for this course.

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**GREK499**

**Independent Study in Greek Language and Literature**

(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GREK606** **Greek Historians**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**GREK699** **Independent Study in Greek Literature**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**GREK799** **Master's Thesis Research**  
(Perm req) Credits: 1-6 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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## **GVPT** **Government and Politics** **Spring 2017**

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**GVPT100** **Scope and Methods for Political Science Research**  
Credits: 3 Grading Method: Regular, CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT101** **Introduction to Political Science**  
Credits: 3 Grading Method: Regular, CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT170** **American Government**  
Credits: 3 Grading Method: Regular, CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT200** **International Political Relations**  
Credits: 3 Grading Method: Regular, CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**



**Contact department for information to register for this course.**

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**GVPT301 Identity and Conflict**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GVPT306 Global Environmental Politics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GVPT317 Mock Trial II: Advanced Trial Advocacy**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GVPT331 Courts, Law and Justice**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GVPT339B Topics in Public Law; Comparative Justice**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GVPT355 Capstone in International Conflict Management**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GVPT356 Capstone in International Development**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GVPT360 International Negotiations**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT386                      Experiential Learning**  
(Perm req)                      Credits: 3-6                      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**GVPT388                      Topical Investigations**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT388L                      Topical Investigations; Maryland Politics, Policy, and Leadership**  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT388M                      Topical Investigations; Mock Trial Independent Study**  
(Perm req)                      Credits: 1                      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**GVPT388W                      Topical Investigations; Experiential Learning: Maryland, Public Policy and Beyond**  
(Perm req)                      Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT389                      Experiential Learning II**  
(Perm req)                      Credits: 3-6                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT390                      Game Theory**  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT396**      **Introduction to Honors Research**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**GVPT397**      **Honors Research**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**GVPT406**      **International Organizations**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT409H**      **Seminar in International Relations and World Politics; International Relations of the Middle East**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT409M**      **Seminar in International Relations and World Politics; Nationalism and Ethnic Conflict**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT409O**      **Seminar in International Relations and World Politics; The Politics of Climate Change**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT409P**      **Seminar in International Relations and World Politics; Conflict in the International System**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT422**      **Quantitative Political Analysis**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT423**      **Elections and Electoral Behavior**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT432**      **Civil Rights and the Constitution**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT439A**      **Seminar in Public Law; Comparative Constitutional Law**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT439F**      **Seminar in Public Law; Constitutional Issues in Law Enforcement**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT441**      **History of Political Theory: Ancient and Medieval**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT445**      **Marxism and Postmarxism**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT449H**      **Seminar in Political Philosophy; The Psychotic Edge of Political Life**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT459D**      **Seminar in Comparative Politics; Politics of the Developing World**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT459H Seminar in Comparative Politics; Tweeting Political Crises**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT459L Seminar in Comparative Politics; Comparative Political Economy**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT459R Seminar in Comparative Politics; The Rise and Fall of Communism**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT459W Seminar in Comparative Politics; Civil Wars**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT473 The U.S. Congress**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT474 Political Parties**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT475 The Presidency and the Executive Branch**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**GVPT482 Government and Politics of Latin America**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GVPT484 Government and Politics of Africa**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**GVPT722 Advanced Quantitative Methods For Political Science**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GVPT743 Contemporary Political Theory**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**GVPT761 International Political Economy**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GVPT771 Seminar in American Political Behavior**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GVPT780 Seminar in the Comparative Study of Politics**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GVPT799 Master's Thesis Research**

Credits: 1-6                      Grading Method: Regular

**Contact department for information to register for this course.**

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**GVPT808A Selected Topics in Functional Problems in International Relations; Research Seminar on International and Domestic Conflict**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**GVPT808C Selected Topics in Functional Problems in International Relations; Prospectus Seminar in International Relations & Comparative Politics**

Credits: 3                  Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**GVPT828O Selected Problems in Political Behavior; Public Opinion**

Credits: 3                  Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**GVPT831 Formal Theories of Politics I**

Credits: 3                  Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**GVPT868L Problems of State and Local Government; State and Local Politics**

Credits: 3                  Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**GVPT884 Field Methods in Comparative Politics**

Credits: 3                  Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**GVPT888F Selected Topics in Comparative Governmental Institutions; Social Movements**

Credits: 3                  Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**GVPT888P Selected Topics in Comparative Governmental Institutions; Political Institutions**

Credits: 3                  Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**GVPT898 Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular  
**Contact department for information to register for this course.**

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**GVPT899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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## **HACS      ACES-Cybersecurity      Spring 2017**

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**HACS102**      **Foundations in Cybersecurity II**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS208A**      **Seminar in Cybersecurity; Accounting and Economic Aspects of Cybersecurity**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS208E**      **Seminar in Cybersecurity; Introduction to Reverse Engineering**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS208I**      **Seminar in Cybersecurity; Security Incident Handling and Management**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS208P**      **Seminar in Cybersecurity; Beyond Technology, the Policy Implications of Cyberspace**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS208Y**      **Seminar in Cybersecurity; Cyber Psychology**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS279**      **Undergraduate Research in Cybersecurity**  
(Perm req)      Credits: 1-3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS287 Undergraduate Research in Cybersecurity**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS297 Cybersecurity Experience Reflection**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS318A Cybersecurity Professionals Colloquium Series; Current Issues**  
Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS402 Applied Security Analysis and Visualization**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS408D Advanced Seminar in Cybersecurity; Decision Processes in Cybersecurity**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS408T Advanced Seminar in Cybersecurity; Penetration Testing**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**HACS479 Undergraduate Research in Cybersecurity**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HACS498 Cybersecurity Group Problem Solving**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**HDCC Design Cultures and Creativity Spring 2017**

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**HDCC106 Introduction to Digital and Creativity II**





**HEBR249M**      **Special Topics in Hebrew Studies; Israeli Music**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HEBR314**      **Conversation and Composition II**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HEBR386**      **Experiential Learning**  
(Perm req)  
Credits: 3-6                      Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**HEBR499**      **Independent Study in Hebrew**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HEIP**                      **Entrepreneurship and Innovation**                      **Spring 2017**

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**HEIP144**      **Contemporary Issues in Entrepreneurship and Innovation**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HEIP241**      **EIP Capstone: Creating Enterprise with Social Impact**  
Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESI**                      **Higher Ed, Student Affairs, and International Ed Policy**                      **Spring 2017**

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**HESI217**      **Introduction to Student Leadership**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESI315**      **Student Leadership in Groups and Organizations**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESI318E                    Applied Contextual Leadership; Leadership for Peer Assisted Learning**

(Perm req)  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESI318G                    Applied Contextual Leadership; Greek Presidents Class**

(Perm req)  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESI318M                    Applied Contextual Leadership; Leadership and Education**

(Perm req)  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESI318N                    Applied Contextual Leadership; Leadership in Collaborative Learning Groups**

(Perm req)  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESI318O                    Applied Contextual Leadership; Orientation Leader**

(Perm req)  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESI318R                    Applied Contextual Leadership; Foundations and Applications of Challenge Course Theory**

(Perm req)  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESI318T                    Applied Contextual Leadership; Foundations and Applications of Adventure Leadership Instruction**

(Perm req)  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP120 Introduction to Linguistics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SB  
**Contact department for information to register for this course.**

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**HESP202 Introduction to Hearing and Speech Sciences**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP300 Introduction to Psycholinguistics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP303 Phonetic transcription**  
Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP305 Anatomy and Physiology of the Speech Mechanism**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP306 Anatomy and Physiology of Speech & Hearing**  
Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP311 Anatomy, Pathology and Physiology of the Auditory System**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP386 Experiential Learning**

(Perm req)

Credits: 3-6      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**HESP388      Undergraduate Research Externship**

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HESP389      LEAP Classroom Internship**

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HESP400      Speech and Language Development in Children**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HESP402      Language and Phonological Disorders in Children**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HESP403      Introduction to Phonetic Science**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HESP407      Bases of Hearing Science**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HESP411      Introduction to Audiology**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HESP413**      **Aural Rehabilitation/Habilitation**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP418A**      **Clinical Practice in Speech-Language Pathology and Audiology; Audiology Option**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP418B**      **Clinical Practice in Speech-Language Pathology and Audiology; Speech Pathology Option**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP422**      **Neurological Bases of Human Communication**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HESP469**      **Honor Thesis Research**  
Credits: 1-3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HESP469A**      **Honor Thesis Research**  
Credits: 1-3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HESP469B**      **Honor Thesis Research**  
Credits: 1-3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HESP498**      **Seminar**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HESP499**      **Independent Study; Topics in the Hearing and Speech Sciences**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**HESP499H      Independent Study**

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HESP602      Advanced Seminar in Neurological Bases of Communication**

(Perm req)

Credits: 2      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HESP610      Language Disorders in Adults**

Credits: 2      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HESP611      Cognitive Disorders in Adults**

Credits: 2      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HESP620      Speech Production Disorders Across the Lifespan**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HESP632      Medical Audiology**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HESP638      Research Practicum**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HESP639A Special Topics in Hearing and Speech Sciences; Seminar in Autism Spectrum Disorders**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HESP639C Special Topics in Hearing and Speech Sciences; Seminar in Child Language Disorder**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HESP648B Clinical Practice in Speech; Therapeutic Procedures**

(Perm req)

Credits: 1-2 Grading Method: Regular

**Contact department for information to register for this course.**

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**HESP649A Clinical Practice in Audiology; Diagnostic Audiology**

(Perm req)

Credits: 1-2 Grading Method: Regular

**Contact department for information to register for this course.**

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**HESP649B Clinical Practice in Audiology; Aural Rehabilitation**

(Perm req)

Credits: 1-2 Grading Method: Regular

**Contact department for information to register for this course.**

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**HESP701 Hearing Aids II**

Credits: 3 Grading Method: Regular

**Contact department for information to register for this course.**

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**HESP706 Advanced Clinical Audiology**

Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HESP708 Independent Study**

(Perm req)

Credits: 1-6 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HESP724 Research Design**





Contact department for information to register for this course.

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**HESP889**      **Doctoral Candidacy Research**

Credits: 1-3      Grading Method: Regular

Contact department for information to register for this course.

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**HESP898**      **Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular

Contact department for information to register for this course.

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**HESP899**      **Doctoral Dissertation Research**

(Perm req)

Credits: 6      Grading Method: Regular

Contact department for information to register for this course.

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**HHUM**      **Honors Humanities**

**Spring 2017**

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**HHUM106**      **Honors Humanities: The Arts in Practice**

Credits: 3      Grading Method: Regular,      CORE: HA  
Pass-Fail, Audit

Contact department for information to register for this course.

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**HHUM206**      **Honors Humanities Research Semester**

Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**HHUM328**      **Internship in Honors Humanities**

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**HHUM329**      **Undergraduate Teaching Assistantship**

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**HISP**      **Historic Preservation**

**Spring 2017**

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**HISP200**      **The Everyday and the American Environment**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit                      CORE: HO, D  
**Contact department for information to register for this course.**

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**HISP630                      Preservation Policy and Planning**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**HISP635                      Social and Ethnic Issues in Historic Preservation Practice**  
Credits: 3                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**HISP640                      Historic Preservation Law, Advocacy and Public Policy**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**HISP660                      Internship in Historic Preservation**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**HISP670                      Conservation of Historic Places: Historic Materials, Building Systems, and Conservation**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**HISP701                      Certificate Portfolio Project**  
(Perm req)  
Credits: 1                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**HISP710                      Final Project in Historic Preservation I**  
Credits: 1                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**Contact department for information to register for this course.**

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**HIST208D**      **Historical Research and Methods Seminar; Russian History in Art, Music, Literature, and Film**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HIST208E**      **Historical Research and Methods Seminar; The Urban Environment: Cities and Nature in American History**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HIST208F**      **Historical Research and Methods Seminar; Religion and Society in 16th Century Europe**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HIST211**      **Love, Labor, and Citizenship: History of American Women Since 1880**  
Credits: 3      Grading Method: Regular,      CORE: SH, D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST219B**      **Special Topics in History; Conquest, Conversion, or Convivencia? Conflict and Tolerance Among Jews, Christians, and Muslims in the Medieval Spains**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST219C**      **Special Topics in History; The Million that's Gone: The Jews of Muslim Lands in Modern Time**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST219I**      **Special Topics in History; Religions of the Ancient Near East**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST219P**      **Special Topics in History; Renaissance to Enlightenment: People, Places, and Paradigms**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST222                      Immigration and Ethnicity in America**

Credits: 3                      Grading Method: Regular,                      CORE: SH, D  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST225                      Modern Military History, 1815-Present**

Credits: 3                      Grading Method: Regular,                      CORE: SH  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST235                      History of Britain 1461 to 1714**

Credits: 3                      Grading Method: Regular,                      CORE: SH  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST236                      History of Britain 1688 to Present**

Credits: 3                      Grading Method: Regular,                      CORE: SH  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST237                      Russian Civilization**

Credits: 3                      Grading Method: Regular,                      CORE: SH, D  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST240                      Europe in the Twentieth Century**

Credits: 3                      Grading Method: Regular,                      CORE: SH  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST245                      Reformers, Radicals, and Revolutionaries: The Middle East in the Twentieth Century**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST251 Latin America Since Independence**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SH, D  
**Contact department for information to register for this course.**

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**HIST255 African-American History, 1865 - Present**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SH, D  
**Contact department for information to register for this course.**

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**HIST285 East Asian Civilization II**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SH, D  
**Contact department for information to register for this course.**

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**HIST289N The Politics of Sexuality in America: A Historical Approach**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SH  
**Contact department for information to register for this course.**

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**HIST289O Lawlessness: From Pirates to Body-snatchers, Exploring the Legitimacy of Illicit Activity**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST289R Pocketbook Politics: A History of American Buying and Selling**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST289T Jesus, Mani, and Muhammad: The Dynamics of New Religious Movements**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HO, D  
**Contact department for information to register for this course.**

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**HIST289V What Does It Mean to be An American?**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**





Contact department for information to register for this course.

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**HIST319T Special Topics in History; Muslims on the Silk Road: Medieval and Early Modern Culture between China and the Caspian Sea**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**HIST321 Biblical History and Culture**

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**HIST328C Selected Topics in History; Arts, Leisure, and Entertainment: Urban Life in Modern Iran**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**HIST328K Selected Topics in History; Napoleon and His Empire**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**HIST328M Selected Topics in History; Red, White, and Black: Peoples and Communities in Early America**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**HIST328R Selected Topics in History; Global History of Soccer: Politics, Culture and Society**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**HIST329R Special Topics in History; What Makes a City? Metropolitan Change in Modern America**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**HIST333 The European Reformations**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST352                      America in the Colonial Era, 1600-1763**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST354                      Ante-Bellum America 1815-1861**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST356                      Emergence of Modern America, 1900-1945**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST357                      Recent America: 1945-Present**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST376                      History of Modern Israel**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST386                      Experiential Learning**  
(Perm req)

Credits: 3-6                      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**HIST396                      Honors Colloquium II**  
(Perm req)

Credits: 3                      Grading Method: Regular,                      CORE: CS  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST399 Honors Thesis II; Honors Thesis II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST407 Technology and Social Change in History**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST408C Senior Seminar; The Jews and the State in the Modern Era**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**HIST408E Senior Seminar; Empire and Central Asia**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**HIST408L Senior Seminar; The American Revolution as a Civil War**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**HIST408M Senior Seminar; The Late 1960s**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**HIST408P Senior Seminar; Witchcraft and Persecution, 1450-1750**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**HIST408X Senior Seminar; Britain at War: A Cultural History**  
(Perm req) Credits: 3 Grading Method: Regular CORE: CS  
**Contact department for information to register for this course.**

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**HIST408Y Senior Seminar; Hollywood and Politics**

(Perm req)

Credits: 3

Grading Method: Regular

CORE: CS

**Contact department for information to register for this course.**

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**HIST419C**

**Special Topics in History; Sex, Gender, and Sexuality in the Islamic World**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST419L**

**Special Topics in History; Postcolonialism**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST419V**

**Special Topics in History; Jews, Greeks, and Others in Graeco-Roman Egypt**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST419W**

**Special Topics in History; The African Side of the Black Diasporic Atlantic: People, Politics, and Faiths**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST428F**

**Selected Topics in History; Cultural Imagination in the US-China Relations since 1785**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST428M**

**Selected Topics in History; Oral History of Immigration**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST428V**

**Selected Topics in History; Founding Fathers and American Religion**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST429D**      **Special Topics in History; The Soviet Union and the World**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST429F**      **Special Topics in History; MAC to Millennium: History of the University of Maryland**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST429G**      **Special Topics in History; The Israeli Settler Movement**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST429Q**      **Special Topics in History; Wealth, Inequality and the State in Late Antiquity**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST429R**      **Special Topics in History; Imperial Russia's World Connections**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST429X**      **Special Topics in History; Tradition and Change: Jewish Religion in the Modern World**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST455**      **Constitutional History of the United States: Since 1865**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST457**      **History of American Culture and Ideas Since 1865**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST473**      **History of the Caribbean**  
Credits: 3                      Grading Method: Regular, Pass-Fail, Audit, D  
**Contact department for information to register for this course.**

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**HIST483**      **History of Japan Since 1800**  
Credits: 3                      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST495**      **Women in Medieval Culture and Society**  
Credits: 3                      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST499**      **Independent Study**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST499Y**      **Independent Study; Middle Eastern History and TV Production**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HIST601**      **History and Contemporary Theory**  
Credits: 3                      Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**HIST607**      **The Teaching of History in Institutions of Higher Learning**  
(Perm req)                      Credits: 1                      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**HIST608B**      **General Seminar; American History**  
(Perm req)                      Credits: 3                      Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**HIST608C**      **General Seminar; General Seminar in European History**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HIST608I**      **General Seminar; 19th Century Latin America**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HIST608J**      **General Seminar; 20th Century Latin America**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HIST610**      **Introduction to Museum Scholarship**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HIST619A**      **Special Topics in History; Independent Study**  
(Perm req)

Credits: 1-3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HIST619B**      **Special Topics in History; Independent Study**  
(Perm req)

Credits: 1-3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HIST619C**      **Special Topics in History; Sex, Gender, and Sexuality in the Islamic World**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HIST619L**      **Special Topics in History; Jews, Greeks, and Others in Graeco-Roman Egypt**

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**HIST619N Special Topics in History; The Connecting Sea: Entangled Histories of the Mediterranean**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**HIST619R Special Topics in History; Readings in Emancipation and Reconstruction**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**HIST619T Special Topics in History; Readings in Global Environmental History**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**HIST639X Special Topics in History; American Borderlands**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**HIST708 Directed Independent Reading for Comprehensive Examinations I**

Credits: 1-4 Grading Method: Sat-Fail

Contact department for information to register for this course.

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**HIST709 Directed Independent Reading for Comprehensive Examinations II**

Credits: 1-4 Grading Method: Sat-Fail

Contact department for information to register for this course.

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**HIST799 Master's Thesis Research**

(Perm req)

Credits: 1-6 Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

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**HIST811 Museum Scholarship Practicum**

Credits: 3-6 Grading Method: Regular

Contact department for information to register for this course.



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**HIST819A Special Topics in History: Independent Research**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**HIST819B Special Topics in History: Independent Research**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**HIST819V Special Topics in History: Independent Research; US Research Seminar: Atlantic History before 1865**  
Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**HIST898 Pre-Candidacy Research**  
Credits: 1-8 Grading Method: Regular  
**Contact department for information to register for this course.**

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**HIST899 Doctoral Dissertation Research**  
(Perm req) Credits: 6 Grading Method: Regular  
**Contact department for information to register for this course.**

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## **HLMN Hillman Entrepreneurs Program Spring 2017**

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**HLMN471 Entrepreneurial Finance**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**HLMN473 Consulting in Tech Entrepreneurship**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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## **HLSA Health Services Administration Spring 2017**

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**HLSA300 Introduction to Health Policy and Services**  
Credits: 3 Grading Method: Regular

**Contact department for information to register for this course.**

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**HLSA484      Redesigning Health Care: Developing a Clinic to Meet Community Needs**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**HLSA601      Introduction to Health Systems**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HLSA688      Independent Study**

Credits: 1-6      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HLSA689      Field Work in Aging**

Credits: 1-6      Grading Method: Regular

**Contact department for information to register for this course.**

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**HLSA710      Healthcare Management: Foundations and Principles**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HLSA711      Health Economics and Analysis**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HLSA721      Using Demographic Data for Health Policy Analysis**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HLSA723      Health Policy Analysis and Advocacy**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**HLSA740 Healthcare Strategic Planning and Marketing**  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**HLSA766 Foundational Readings in Health Services Research**  
Credits: 3                  Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**HLSA772 Healthcare Leadership and Communications**  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**HLSA785 Internship in Public Health**  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**HLSA786 Capstone Project in Public Health**  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**HLSA787 Minority Health and Health Equity**  
Credits: 3                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**HLSA798 HLSA Journal Club**  
Credits: 1                  Grading Method: Sat-Fail,  
  Audit  
**Contact department for information to register for this course.**

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**HLSA799 Master's Thesis Research**  
Credits: 1-6                  Grading Method: Regular, Sat-  
  Fail  
**Contact department for information to register for this course.**

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**HLSA898**      **Pre-Candidacy Research**  
Credits: 1-8      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**HLSA899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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## **HLSC**      **Integrated Life Sciences**      **Spring 2017**

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**HLSC322**      **Principles of Genetics and Genomics**  
Credits: 4      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLSC377**      **Research and Application in Life Sciences**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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## **HLTH**      **Health**      **Spring 2017**

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**HLTH106**      **Drug Use and Abuse**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH106H**      **Drug Use and Abuse**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH130**      **Introduction to Public and Community Health**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SB  
**Contact department for information to register for this course.**

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**HLTH140**      **Personal and Community Health**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH140H**      **Personal and Community Health**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH200**      **Introduction to Research in Community Health**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH230**      **Introduction to Health Behavior**  
Credits: 3      Grading Method: Regular,      CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH244**      **Public Health and Aging**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH285**      **Controlling Stress and Tension**  
Credits: 3      Grading Method: Regular,      CORE: IE  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH285H**      **Controlling Stress and Tension**  
Credits: 3      Grading Method: Regular,      CORE: IE  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH289**      **Topical Investigations**  
(Perm req)  
Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH300**      **Biostatistics for Public Health Practice**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH300H**      **Biostatistics for Public Health Practice**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH301**      **Epidemiology for Public Health Practice**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH301H**      **Epidemiology for Public Health Practice**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH352**      **Portrayal of Drug Use and Addiction on Screen: Does Hollywood get it Right?**  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**HLTH352H**      **Portrayal of Drug Use and Addiction on Screen: Does Hollywood get it Right?**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**HLTH366**      **Behavioral and Community Issues in Public Health**  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**HLTH374**      **Drugged, Drowsy & Distracted Driving: traffic safety issues for the new millenium**  
Credits: 3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

---

**HLTH374H      Drugged, Drowsy & Distracted Driving: traffic safety issues for the new millenium**

(Perm req)

Credits: 3                      Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

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**HLTH377      Human Sexuality**

Credits: 3                      Grading Method: Regular,  
  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HLTH377H      Human Sexuality**

(Perm req)

Credits: 3                      Grading Method: Regular,  
  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HLTH386      Experiential Learning**

(Perm req)

Credits: 3-6                      Grading Method: Regular,  
  Pass-Fail

**Contact department for information to register for this course.**

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**HLTH389      Topical Investigations**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HLTH391      Principles of Community Health I**

(Perm req)

Credits: 3                      Grading Method: Regular,  
  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HLTH391H      Principles of Community Health I**

(Perm req)

Credits: 3                      Grading Method: Regular,  
  Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HLTH420      Effective Strategies for Public Health Practice**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH424 Lesbian, Gay, Bisexual & Transgender Health**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**HLTH434 Introduction to Public Health Informatics**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH460 Minority Health**  
Credits: 3 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**HLTH460H Minority Health**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**HLTH489 Field Laboratory Projects and Workshop**  
(Perm req) Credits: 1-6 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH490 Principles of Community Health II**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HLTH491 Community Health Internship**  
(Perm req) Credits: 12 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**HLTH624 Advanced Lesbian, Gay, Bisexual & Transgender Health**







Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HONR209G      Honors Seminar; Elements of Drawing for Non-Majors**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR209W      Honors Seminar; War Stories: Personal Narratives, Fiction, and Film**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR218J      Honors Seminar; Sustainability and Development: From the Individual to the Global**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR218M      Honors Seminar; Elements of Music Composition for Non-Majors**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR218P      Honors Seminar; Immigration: Personal Stories and Policy Changes**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR218T      Honors Seminar; Political Theater: On Stage and in Washington**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR218W      The Idea of Crime**  
Credits: 3                      Grading Method: Regular                      CORE: SB  
**Contact department for information to register for this course.**

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**HONR219E      Honors Seminar; The Psychology of Love and Money**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR219F      Honors Seminar; Heroes and Villains in American Film**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR219T      Honors Seminar: Surviving Natural Disasters: Learning from Hurricane Katrina, Big Earthquakes, and Other Natural Hazards**

Credits: 3      Grading Method: Regular      CORE: IE  
**Contact department for information to register for this course.**

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**HONR219Z      Honors Seminar; Apocalypse Then and Now: World Traditions of the End Times**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR228D      Honors Seminar; Fireworks and Trapdoors: A Hands on Workshop in Early Theater Production and Special Effects**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR228T      Honors Seminar; Journalism and Peace**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR228V      Honors Seminar; Warfare and Society in Greece, Rome, and Byzantium**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR229O      Ancient Rome in Historical Fiction: Narratives, Sources and Screen Adaptations**

Credits: 3      Grading Method: Regular      CORE: HL  
**Contact department for information to register for this course.**

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**HONR238C      The Future of Energy and Climate Policy**

Credits: 3      Grading Method: Regular      CORE: IE  
**Contact department for information to register for this course.**

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**HONR238D      Honors Seminar: The Contemporary American Musical Theatre: From Hair to Hamilton -- and Beyond**

Credits: 3      Grading Method: Regular      CORE: HA, D  
**Contact department for information to register for this course.**

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**HONR238G Honors Seminar; The Manhattan Project: A Century of Radioactivity, Nuclear Weapons, and Nuclear Power**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR238N Honors Seminar; Public Health and Contemporary Health Issues: "Saving Lives Millions at a Time"**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR238O Honors Seminar; Imagining Our Future: The Art and Craft of Science Fiction**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR238P Honors Seminar; Memory, Imagination, Invention: A Creative Writing Workshop**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR238R Honors Seminar: Terrorism**

Credits: 3                      Grading Method: Regular                      CORE: SH

**Contact department for information to register for this course.**

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**HONR238V Honors Seminar; Professionally Essential: Analysis & Visualization Skills in the Era of Big Data**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR239A Honors Seminar; Constructing and De-Constructing the Colonial Chesapeake**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR239C Honors Seminar: The Creative Process in Dance**

Credits: 3                      Grading Method: Regular                      CORE: HA, D

**Contact department for information to register for this course.**

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**HONR239F Honors Seminar: Plants and Empires: Historical Consequences and Contemporary Issues**

Credits: 3                      Grading Method: Regular                      CORE: LS

**Contact department for information to register for this course.**

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**HONR239V Honors Seminar; Introduction to Visual Storytelling**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR239W Honors Seminar; The Syrian Civil War in Comparative Perspective**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR239Y Honors Seminar; Thinking, Listening, and Speaking: Effective Oral Communication**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR248C Honors Seminar; The Problem of Justice, from Plato to the Present**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR248G Honors Seminar; The Origins and Ramifications of Sex and Sexes**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR248J Honors Seminar; A Most Human Nation**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR248K Honors Seminar; APPLICATION OF BIOMED ETHICS**  
Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HONR248T Honors Seminar: The Harlem Renaissance: Art, Literature, Classic Blues**  
Credits: 3                      Grading Method: Regular                      CORE: HA, D  
**Contact department for information to register for this course.**

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**HONR249D Honors Seminar; How Can we Study Environmental Problems?**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR258A Honors Seminar; Renewing the Body: The Science Behind Regeneration and Immortality**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR258D Honors Seminar; Stage, Screen, and Life: A Culture History of Drag**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR259G Honors Seminar; Fairness, Inequality, and Democracy**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR268Z Honors Seminar; Catastrophic Animal and Human Disease Outbreaks: What Else Can We Do To Prevent Them?**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR269E Honors Seminar; Exploring Key Issues of Globalization**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR269G Honors Seminar; Hungry, Hot and Crowded: Global Challenges in the 21st Century**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR269L Honors Seminar; Cracking the Secrets of the Universe Using Computers: Re-discovering the Higgs & Searching for Invisible Matter-Part II**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR269T Honors Seminar: Understanding U.S. Foreign Policy toward Afghanistan**

Credits: 3                      Grading Method: Regular                      CORE: SB, D

**Contact department for information to register for this course.**

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**HONR278D Honors Seminar; Natural SEcurity Dilemmas**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**HONR278E Honors Seminar; The Internet, Democracy, and Dictatorship**  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**HONR278G Honors Seminar; Exploring How Foreign Policy is Developed**  
Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR279I Honors Seminar; The Power of the Word: Freedom of Speech in the U.S. and Russia**  
Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR279R Honors Seminar; Faith and Values in Public Life**  
Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR288P Honors Seminar; Why Do Things Burn?**  
Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR289A The Ecology and Evolutionary Biology of Infectious Disease**  
Credits: 3                    Grading Method: Regular        CORE: LS  
**Contact department for information to register for this course.**

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**HONR289L Honors Seminar; Biofuels: Fact or Fiction?**  
Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR289P Honors Seminar; How Do Innovators Think?**  
Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**HONR289V Honors Seminar; Mars Exploration: Past, Present, Future**  
Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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<b>HONR289Z</b>	<b>Honors Seminar; Social Expectations of Gender Roles in Africa, the Middle East, and South West Asia</b> Credits: 3                      Grading Method: Regular <b>Contact department for information to register for this course.</b>
<b>HONR299D</b>	<b>Honors Seminar; Capitalism and its Discontents</b> Credits: 3                      Grading Method: Regular <b>Contact department for information to register for this course.</b>
<b>HONR299Q</b>	<b>Honors Seminar; Quantum Mechanics for Non-Majors</b> Credits: 3                      Grading Method: Regular <b>Contact department for information to register for this course.</b>
<b>HONR338A</b>	<b>Advanced Honors Seminar; Understanding the Israeli-Palestinian Conflict through Opposing Histories</b> Credits: 3                      Grading Method: Regular <b>Contact department for information to register for this course.</b>
<b>HONR348D</b>	<b>Advanced Honors Seminar; Innovation and Social Change: Do Good Now</b> Credits: 3                      Grading Method: Regular <b>Contact department for information to register for this course.</b>
<b>HONR348M</b>	<b>Advanced Honors Seminar; Stock Market</b> Credits: 3                      Grading Method: Regular <b>Contact department for information to register for this course.</b>
<b>HONR349I</b>	<b>Honors Colloquium; Leading and Investing in Social Change: Redefining and Experimenting with Philanthropy</b> Credits: 3                      Grading Method: Regular <b>Contact department for information to register for this course.</b>
<b>HONR359B</b>	<b>Honors Workshop; Alternatives to Violence</b> Credits: 3                      Grading Method: Sat-Fail <b>Contact department for information to register for this course.</b>
<b>HONR378P</b>	<b>Advanced Honors Seminar; Elements of Music Composition for Non-Majors II</b> Credits: 3                      Grading Method: Regular <b>Contact department for information to register for this course.</b>

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**HONR378Q**      **Advanced Honors Seminar; Radicalization within Islam: 21st Century Drivers, Challenges and Policy Choices**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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## **IMMR**      **Immigration Studies**

**Spring 2017**

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**IMMR200**      **Introduction to Immigration and Migration Studies**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**IMMR219B**      **Special Topics in Immigration and Migration Studies; US Latina/o Studies II: A Contemporary Overview 1960's to present**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**IMMR319G**      **Special Topics in Immigration and Migration Studies; Growing Up Asian American: The Asian Immigrant Family and the Second Generation**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**IMMR400**      **Vital Voices: Oral Histories of the Immigrant Experience**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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## **INAG**      **Institute of Applied Agriculture**

**Spring 2017**

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**INAG099**      **Cooperative Education**

(Perm req)

Credits: 0                      Grading Method: Sat-Fail

**Contact department for information to register for this course.**

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**INAG101**      **Computer Applications**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INAG104**      **Agricultural Mathematics**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**INAG105**      **Soils and Fertilizers**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**INAG106**      **Pesticide Use and Safety**  
Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**INAG110**      **Oral Communication**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**INAG110S**      **Oral Communication**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**INAG132**      **Agricultural Leadership and Teamwork**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**INAG199**      **Special Problems**  
Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**INAG199C**      **Special Problems; in AgriScience**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**INAG204**      **Agricultural Business Management**

Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**INAG206            Agricultural Business Law**

Credits: 3            Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**INAG207            Power and Machinery**

Credits: 3            Grading Method: Regular  
**Contact department for information to register for this course.**

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**INAG213            Crop Production Practices**

Credits: 3            Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**INAG214            Agronomic Principles of Golf Turf Management**

Credits: 3            Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**INAG224            Greenhouse and Plant Production Management**

Credits: 3            Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**INAG235            Irrigation and Drainage**

(Perm req)  
Credits: 3            Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**INAG248            Topics in Sustainable Agriculture**

Credits: 1            Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**INAG250            Fundamentals of Agricultural Mechanics**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**INAG299A            Supervised Work Experience; Internship I**

Credits: 1                      Grading Method: Sat-Fail

**Contact department for information to register for this course.**

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**INAG299B            Supervised Work Experience; Internship II**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**INFM                      Information Management**

**Spring 2017**

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**INFM605            Users and Use Context**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INFM612            Management of Information Programs and Services**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INFM620            Introduction to Strategic Information Management**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INFM700            Information Architecture**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INFM711            Financial Management of Information Projects**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INFM719**      **Independent Study**  
Credits: 1-3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**INFM732**      **Information Audits and Environmental Scans**  
Credits: 3      Grading Method: Regular,  
                        Audit  
**Contact department for information to register for this course.**

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**INFM737**      **Information Management Capstone Experience**  
Credits: 3      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**INFM799**      **Master's Thesis Research**  
Credits: 1-6      Grading Method: Regular, Sat-  
                        Fail  
**Contact department for information to register for this course.**

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**INST**      **Information Studies**      **Spring 2017**

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**INST126**      **Introduction to Programming for Information Science**  
Credits: 3      Grading Method: Regular,  
                        Audit  
**Contact department for information to register for this course.**

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**INST201**      **Heroes and Villains in the Age of Information**  
Credits: 3      Grading Method: Regular,  
                        Audit  
**Contact department for information to register for this course.**

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**INST311**      **Information Organization**  
Credits: 3      Grading Method: Regular,  
                        Audit  
**Contact department for information to register for this course.**

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**INST314**      **Statistics for Information Science**  
Credits: 3      Grading Method: Regular,  
                        Audit  
**Contact department for information to register for this course.**

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**INST326**      **Object-Oriented Programming**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST327**      **Database Design and Modeling**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST335**      **Teams & Organizations**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST352**      **Information User Needs and Assessment**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST362**      **User-Centered Design**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST408B**      **Special Topics in Information Science; Design and Humanity Disability and aging**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST611**      **Privacy and Security in a Networked World**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST612**      **Information Policy**  
Credits: 3                      Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**INST614 Information Literacy, Inclusion, and the Public Good**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INST621 Managing Digital Innovations in Organizations**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**INST627 Data Analytics for Information Professionals**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INST632 Human-Computer Interaction Design Methods**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INST641 Policy and Ethics in Digital Curation**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**INST644 Introduction to Digital Humanities**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**INST652 Design Thinking and Youth**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INST702 Advanced Usability Testing**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**



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**INST704**      **Inclusive Design in HCI**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST709**      **Independent Study**  
Credits: 1-3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST728B**      **Special Topics in Information Studies; Digitization and Legacy Holdings**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST728G**      **Special Topics in Information Studies; Smart Cities and Urban Data Science**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST728Q**      **Special Topics in Information Studies; Visual Analytics**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST728R**      **Special Topics in Information Studies; Data Management**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST733**      **Database Design**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**INST736**      **Computational Linguistics II**  
Credits: 3                      Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**INST737 Introduction to Data Science**

Credits: 3          Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INST741 Social Computing Technologies and Applications**

Credits: 3          Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INST742 Implementing the Curation and Management of Digital Assets**

Credits: 3          Grading Method: Regular

**Contact department for information to register for this course.**

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**INST744 Solving Problems in Digital Curation - Capstone Course**

Credits: 3          Grading Method: Regular

**Contact department for information to register for this course.**

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**INST776 HCIM CAPSTONE PROJECT**

Credits: 3          Grading Method: Regular

**Contact department for information to register for this course.**

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**INST799 Master's Thesis Research**

Credits: 1-6        Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**INST808 Seminar in Research Methods and Data Analysis**

Credits: 3          Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**INST809 Individualized Teaching Experience**

Credits: 3-5        Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**



Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ISRL342                    History of Modern Israel**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ISRL343                    Global Migration and the Israeli Case Study**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ISRL349M                    Investigating Topics in Israel Studies; Israeli Society through History, Sociology and Art**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ISRL449B                    Advanced Topics in Israel Studies; The Israeli Settler Movement**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ITAL                    Italian                    Spring 2017**

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**ITAL103                    Intensive Elementary Italian**

Credits: 4                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ITAL203                    Intensive Intermediate Italian**

Credits: 4                    Grading Method: Regular,                    CORE: HO  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**ITAL207                    Reading and Writing in Italian**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**



Contact department for information to register for this course.

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**ITAL478D Colloquium in Italian; Monsters and Demons: the Faces of Evil in Dante's Inferno**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**ITAL478F Colloquium in Italian; Italian Cinema II - In Translation**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**ITAL499 Special Topics in Italian Studies**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**JAPN Japanese**

**Spring 2017**

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**JAPN102 Elementary Japanese II**

Credits: 6                      Grading Method: Regular

Contact department for information to register for this course.

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**JAPN202 Intermediate Japanese II**

Credits: 6                      Grading Method: Regular                      CORE: HO

Contact department for information to register for this course.

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**JAPN302 Advanced Japanese II**

Credits: 6                      Grading Method: Regular

Contact department for information to register for this course.

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**JAPN386 Experiential Learning**

(Perm req)

Credits: 3-6                      Grading Method: Regular,  
Pass-Fail

Contact department for information to register for this course.

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**JAPN425 The Atomic Bomb in Literature and Memory**

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.



**Contact department for information to register for this course.**

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**JOUR199 Survey Apprenticeship**

(Perm req)

Credits: 1                      Grading Method: Sat-Fail

**Contact department for information to register for this course.**

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**JOUR200 Journalism History, Roles and Structures**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR201 News Writing and Reporting I**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR202 News Editing**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR203 Introduction to Multimedia Skills**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR262 News Videography**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR289E Media Law and Ethics in the Digital Age**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR289F Beyond Facebook: How Social Media are Transforming Society, Culture, Business and Politics**

Credits: 3                      Grading Method: Regular,                      CORE: IE  
Pass-Fail, Audit



**Contact department for information to register for this course.**

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**JOUR289P Scandal! Exposing Corruption, Injustice, and Vice in America**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR300 Journalism Ethics**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**JOUR320 News Writing and Reporting II: Multiplatform**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR324 Commentary and Editorial Writing**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**JOUR325 Capital News Service Bureau**  
(Perm req) Credits: 6 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR328B Special Topics in News Writing and Reporting; Sports Reporting and Writing**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR328F Special Topics in News Writing and Reporting; National Security and Press Freedom Reporting**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR328I Special Topics in News Writing and Reporting; Advanced Public Affairs Reporting/Investigative Reporting**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**JOUR328L Special Topics in News Writing and Reporting; Long-Form, Non-Fiction Writing**

(Perm req)

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR328R Special Topics in News Writing and Reporting; Business Reporting**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR350 Multimedia Presentation**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR352 Interactive Design and Development**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR353 News Bureau: Multimedia Reporting**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR354 Interactive Multimedia Storytelling**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR355 News Bureau: Multimedia Editing and Production**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR358V Special Topics in Visual Communication; 360-Video, Virtual Reality and Augmented Reality**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR360 News Writing and Reporting II: Broadcast**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR361 Television Reporting and Production**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR362 Broadcast News Producing**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**JOUR364 Radio Broadcasting**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR367 Broadcast News Bureau**

(Perm req)

Credits: 6                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR368B Topics in Broadcast and Electronic Media; Broadcast Sports Reporting**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**JOUR368E Topics in Broadcast and Electronic Media; Coverage of the First Hundred Days: Managing a Broadcast**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR368K Topics in Broadcast and Electronic Media; Video Innovation**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR368M Topics in Broadcast and Electronic Media; Multimedia Mobile Journalism**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**JOUR368T Topics in Broadcast and Electronic Media; On-Camera Performance**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**JOUR368V Topics in Broadcast and Electronic Media; Advanced Video Storytelling**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR370 Photojournalism**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR371 Feature Writing**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR396 Supervised Internship**

(Perm req)

Credits: 2                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR398 Independent Study**

(Perm req)

Credits: 1-3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR399 Supervised Internship; Supervised Internship**

(Perm req)

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR400**      **Media Law**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**JOUR405**      **Breaking News With Numbers: Statistics for Journalists**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR451**      **Advertising and Society**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR452**      **Women in the Media**  
Credits: 3      Grading Method: Regular,      , D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR453**      **News Coverage of Racial Issues**  
Credits: 3      Grading Method: Regular,      , D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR455**      **Media Entrepreneurship**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR456**      **Literature in Journalism**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR458B**      **Special Topics in Journalism; Sports Media Today**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JOUR458E Special Topics in Journalism; The Internet, Democracy, and Dictatorship**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR458L Special Topics in Journalism; Leadership: Making a Difference**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR459G Special Topics in Journalism; Sports, Society, Culture and the Media**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR459P Special Topics in Journalism; The Impact of 9/11 on Journalism and Civic Life**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR472 Computer-Assisted Reporting**

(Perm req) Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR476 Researching Emerging Media in Journalism: Past, Present and Future**

(Perm req) Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR479A Special Topics in Data Gathering and Analysis; Web Analytics**

(Perm req) Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR479I Special Topics in Data Gathering and Analysis; Seeing - Media, Images and Design**

(Perm req) Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR4790 Special Topics in Data Gathering and Analysis; Understanding Audiences**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR479V Special Topics in Data Gathering and Analysis; Computational Journalism**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR480 Capstone Colloquium: The Business of News**

(Perm req)

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JOUR532 Humphrey Seminar II**

(Perm req)

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR620 Public Affairs Reporting**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR623 Mobile Journalism**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**JOUR624 Commentary and Editorial Writing**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR625 Advanced Capital News Service Bureau**

(Perm req)

Credits: 6                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR628B Specialized Topics in News Writing and Reporting; Sports Reporting and Writing**

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR628N Specialized Topics in News Writing and Reporting; National Security and Press Freedom Reporting**

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR628R Specialized Topics in News Writing and Reporting; Business Reporting**

(Perm req)

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**JOUR654 Advanced Interactive Multimedia Storytelling**

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR655 Advanced Online News Bureau**

(Perm req)

Credits: 6      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR660 Broadcast News Writing**

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR662 Broadcast News Producing**

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**JOUR667 Broadcast News Bureau**

(Perm req)

Credits: 6      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**





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**JOUR776      Qualitative Research Methods in Journalism and Public Communication**  
Credits: 3                    Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**JOUR779V      Seminar in Research Problems; Computational Journalism**  
(Perm req)  
Credits: 3                    Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**JOUR798      Master's Professional Fieldwork**  
(Perm req)  
Credits: 2-6                  Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**JOUR799      Master's Thesis Research**  
Credits: 1-6                  Grading Method: Regular  
**Contact department for information to register for this course.**

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**JOUR801      Advanced Public Communication Theory**  
(Perm req)  
Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**JOUR888      Doctoral Professional Field Work**  
Credits: 3-9                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**JOUR889      Doctoral Tutorial in Journalism and Public Communication**  
Credits: 3-9                  Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**JOUR898      Pre-Candidacy Research**  
Credits: 1-8                  Grading Method: Regular, Sat-  
  Fail  
**Contact department for information to register for this course.**

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**JOUR899**      **Doctoral Dissertation Research in Journalism and Mass Communication**

(Perm req)

Credits: 6      Grading Method: Regular, Sat-Fail

**Contact department for information to register for this course.**

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**JWST**      **Jewish Studies**

**Spring 2017**

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**JWST219N**      **Special Topics in Jewish Studies; Jewish Humor from the Shtetl to Seinfeld**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JWST225**      **Religions of the Ancient Near East**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JWST272**      **Introduction to Jewish Literature**

Credits: 3      Grading Method: Regular,      CORE: HL  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JWST281**      **Yiddish I**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JWST289A**      **New Explorations in Jewish Studies; The Million that's Gone: The Jews of Muslim Lands in Modern Time**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JWST319K**      **Special Topics in Jewish Studies; Jewry of Muscle: Zionism and Jewish Masculinity**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**JWST324**      **Biblical History and Culture**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JWST345                      The Holocaust of European Jewry**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JWST347                      Tradition and Change: Jewish Religion in the Modern World**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JWST386                      Experiential Learning in Jewish Studies**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JWST409Y                      Research Seminar in Jewish Studies; The Jews and the State in Modern Era**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JWST418                      Honors Thesis Research in Jewish Studies**  
(Perm req)                      Credits: 3-6                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**JWST478N                      Readings in Modern Hebrew; Hasidism and its Opponents**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JWST491                      Judaism and the Construction of Gender**  
  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JWST499                      Independent Study in Jewish Studies; Independent Study in Jewish Studies**

(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**JWST648 Readings in Jewish History**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**JWST658 Readings in Jewish Thought and Culture**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**JWST678 Readings in Jewish Literature**  
(Perm req) Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**JWST699 Independent Graduate Readings in Jewish Studies**  
Credits: 1-3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**JWST799 Masters Thesis Research**  
(Perm req) Credits: 1-6 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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## **KNES Kinesiology Spring 2017**

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**KNES1000 Physical Education Activities: Coed; Basketball (Intermediate)**  
Credits: 2 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**KNES1310 Physical Education Activities: Coed; Jogging (Intermediate)**  
Credits: 2 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**KNES131V Physical Education Activities: Coed; Jogging (Beginning)**

Credits: 2                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES131Z      Physical Education Activities: Coed; Beginning Softball**  
  
Credits: 1                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES134O      Physical Education Activities: Coed; Bowling (Intermediate)**  
  
Credits: 1                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES140O      Physical Education Activities: Coed; Tumbling and Balancing (Intermediate)**  
  
Credits: 1                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES140R      Physical Education Activities: Coed; Trampoline (Beginning)**  
  
Credits: 1                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES140V      Physical Education Activities: Coed; Tumbling and Balancing (Beginning)**  
  
Credits: 1                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES144Q      Physical Education Activities: Coed; Martial Arts, Karate (Beginning)**  
  
Credits: 2                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES144R      Physical Education Activities: Coed; Karate (Intermediate)**  
  
Credits: 2                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES144T      Physical Education Activities: Coed; Self-Defense**

Credits: 2                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES152O      Physical Education Activities: Coed; Soccer (Intermediate)**  
  
Credits: 1                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES154N      Physical Education Activities: Coed; Swimming (Beginning)**  
  
Credits: 1                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES154O      Physical Education Activities: Coed; Swimming (Intermediate)**  
  
Credits: 1                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES154P      Physical Education Activities: Coed; Swimming (Advanced)**  
  
Credits: 2                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES154T      Physical Education Activities: Coed; Swimming, Fitness (Intermediate)**  
  
Credits: 1                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES154W      Physical Education Activities: Coed; Swimming/Lifeguard Training**  
  
Credits: 2                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES157N      Physical Education Activities: Coed; Weight Training (Beginning)**  
  
Credits: 1                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES1570 Physical Education Activities: Coed; Weight Training (Intermediate)**

Credits: 1                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**KNES157T Physical Education Activities: Coed; Fight the 15: Introduction to Fitness and an Active Lifestyle**

Credits: 1                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**KNES161G Physical Education Activities: Coed; Yoga for Fitness (Intermediate)**

Credits: 1                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**KNES161K Physical Education Activities: Coed; Cardio Kickboxing (Beginning)**

Credits: 2                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**KNES161O Physical Education Activities: Coed; Conditioning (Intermediate)**

Credits: 1                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**KNES161T Physical Education Activities: Coed; Yoga**

Credits: 1                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**KNES201 Kinesiological Principles of Physical Activity**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**KNES201U Kinesiological Principles of Physical Activity**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**



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**KNES214**      **Science and Methods of Personal Fitness Instruction**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES222**      **Gambling in the New Millennium: Poker, The Preakness, Point-spreads, Powerball and Public Policy**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES260**      **Science of Physical Activity and Cardiovascular Health**  
Credits: 3              Grading Method: Regular,              CORE: LS  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES282**      **Basic Care and Prevention of Athletic Injuries**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail  
**Contact department for information to register for this course.**

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**KNES286**      **Empowering Healthy Physical Activity**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES287**      **Sport and American Society**  
Credits: 3              Grading Method: Regular,              CORE: SB, D  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES289**      **Topical Investigations**  
(Perm req)  
Credits: 1-3              Grading Method: Regular,  
                                 Pass-Fail  
**Contact department for information to register for this course.**

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**KNES289P**      **Topical Investigations; Mathematical and Physical Bases of Human Movement and Performance**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit

**Contact department for information to register for this course.**

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**KNES289W      Topical Investigations; The Cybernetic Human**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**KNES293      History of Sport in America**

Credits: 3                      Grading Method: Regular,                      CORE: SH  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**KNES300      Biomechanics of Human Motion**

Credits: 4                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**KNES300H      Biomechanics of Human Motion**

(Perm req)

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**KNES332      Exercise Testing and Prescription for the Fitness Professional**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**KNES332H      Exercise Testing and Prescription for the Fitness Professional**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**KNES333      Motor Development and Fitness for Individuals with Disabilities**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**KNES334      Adapted Physical Activity: Empowering People with Disabilities to Lead a Healthy and Active Lifestyle.**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**KNES335                      Swimming Pool Management**

Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES350                      The Psychology of Sports**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES350H                      The Psychology of Sports**  
(Perm req)

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES355                      Sport Management**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES355H                      Sport Management**  
(Perm req)

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES360                      Physiology of Exercise**

Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES360H                      Physiology of Exercise**  
(Perm req)

Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES370**      **Motor Development**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES370H**      **Motor Development**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES385**      **Motor Control and Learning**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES385H**      **Motor Control and Learning**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES386**      **Experiential Learning**  
Credits: 3      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**KNES389**      **Topical Investigations**  
(Perm req)      Credits: 1-3      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**KNES389D**      **Topical Investigations; Sport for Development**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES389E**      **Topical Investigations; Childrens Development Clinic**  
Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES389K**      **Topical Investigations; Kinesiology Internship**  
(Perm req)      Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES400**      **The Foundations of Public Health in Kinesiology**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES400H**      **The Foundations of Public Health in Kinesiology**  
(Perm req)      Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES442**      **Psychology of Exercise and Health**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES442H**      **Psychology of Exercise and Health**  
(Perm req)      Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES451**      **Children and Sport: A Psychosocial Perspective**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail  
**Contact department for information to register for this course.**

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**KNES451H**      **Children and Sport: A Psychosocial Perspective**  
(Perm req)      Credits: 3              Grading Method: Regular,  
                                 Pass-Fail  
**Contact department for information to register for this course.**

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**KNES455**      **Scientific Bases of Athletic Conditioning**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES457**      **Managing Youth Programs: Educational, Fitness and Sport**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES460**      **Physiology of Aging and the Impact of Physical Activity**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES460H**      **Physiology of Aging and the Impact of Physical Activity**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES461**      **Exercise and Body Composition**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES461H**      **Exercise and Body Composition**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES464**      **Exercise Metabolism: Role in Health and Disease**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES464H**      **Exercise Metabolism: Role in Health and Disease**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES466**      **Graded Exercise Testing**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES466H**      **Graded Exercise Testing**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES477**      **Honors Thesis**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES478**      **Honors Seminar; Honors Seminar**  
(Perm req)      Credits: 1      Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES483**      **Sport Marketing and Media**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**KNES483H**      **Sport Marketing and Media**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**KNES485**      **Sport and Globalization**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES497**      **Kinesiology Senior Seminar**  
(Perm req)      Credits: 3      Grading Method: Regular      CORE: CS  
**Contact department for information to register for this course.**

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**KNES498**      **Special Topics in Kinesiology**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES498T**      **Special Topics in Kinesiology; Principles and Applications of Exercise Rehabilitation**

Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KNES498W      Special Topics in Kinesiology; Prosthetics for Limb Amputations**

Credits: 3                    Grading Method: Regular,  
                                  Pass-Fail  
**Contact department for information to register for this course.**

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**KNES601      Epidemiology of Physical Activity**

Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**KNES609      Research Issues in Kinesiology**

(Perm req)  
Credits: 1                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES610      Methods and Techniques of Research**

Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**KNES615      The Body, Culture, and Physical Activity**

Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**KNES618      Current Readings in Exercise and Applied Physiology**

Credits: 1                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**KNES689      Special Problems in Kinesiology**

(Perm req)  
Credits: 1-6                Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES689D     Special Problems in Kinesiology; Physiological Signal Processing**



Credits: 3                   Grading Method: Regular,  
                                    Audit  
**Contact department for information to register for this course.**

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**KNES689N           Special Problems in Kinesiology; Curriculum Development in Physical Education**

(Perm req)  
Credits: 3                   Grading Method: Regular,  
                                    Audit  
**Contact department for information to register for this course.**

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**KNES689O           Special Problems in Kinesiology; Psychology of Exercise and Health**

Credits: 3                   Grading Method: Regular,  
                                    Audit  
**Contact department for information to register for this course.**

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**KNES689T           Special Problems in Kinesiology; Teaching Internship**

(Perm req)  
Credits: 1-6                Grading Method: Regular,  
                                    Audit  
**Contact department for information to register for this course.**

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**KNES689Y           Special Problems in Kinesiology; Public Health and Research Ethics**

Credits: 1                 Grading Method: Regular,  
                                    Audit  
**Contact department for information to register for this course.**

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**KNES786            Capstone Project in Physical Activity and Public Health**

Credits: 3                 Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES789            Advanced Projects in Kinesiology**

Credits: 1-3               Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES789B           Advanced Projects in Kinesiology; Advanced Biomechanics**

Credits: 3                 Grading Method: Regular  
**Contact department for information to register for this course.**

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**KNES789C           Advanced Projects in Kinesiology; Computational Motor Control and Learning: Engineering the Mind**

Credits: 3                 Grading Method: Regular

Contact department for information to register for this course.

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**KNES789P      Advanced Projects in Kinesiology; PCS Research and Writing Seminar**

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**KNES799      Master's Thesis Research**

(Perm req)

Credits: 1-6                      Grading Method: Regular

Contact department for information to register for this course.

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**KNES898      Pre-Candidacy Research**

(Perm req)

Credits: 1-8                      Grading Method: Regular

Contact department for information to register for this course.

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**KNES899      Doctoral Dissertation Research**

(Perm req)

Credits: 6                      Grading Method: Regular

Contact department for information to register for this course.

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**KORA      Korean**

**Spring 2017**

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**KORA102      Elementary Korean II**

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**KORA202      Intermediate Korean II**

Credits: 3                      Grading Method: Regular      CORE: HO

Contact department for information to register for this course.

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**KORA212      Introductory Reading for Speakers of Korean II**

Credits: 3                      Grading Method: Regular      CORE: HO

Contact department for information to register for this course.

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**KORA345      Korean Language and Linguistics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**KORA398G**      **Special Topics in Korean Studies; Cold War Cultures in Korea**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**KORA499**      **Independent Study Korean**  
(Perm req)      Credits: 1-3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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## **LARC      Landscape Architecture    Spring 2017**

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**LARC120**      **Digital Fundamentals**  
(Perm req)      Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**LARC160**      **Introduction to Landscape Architecture**  
Credits: 3                      Grading Method: Regular,                      CORE: HO  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LARC221**      **Digital Design Tools**  
(Perm req)      Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**LARC240**      **Graphic Communication and Design Studio**  
(Perm req)      Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LARC263**      **History of Landscape Architecture**  
Credits: 3                      Grading Method: Regular,                      CORE: HA  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LARC321**      **Landscape Structures and Materials**  
(Perm req)      Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LARC341**      **Regional Design Studio**  
(Perm req)      Credits: 5      Grading Method: Regular  
**Contact department for information to register for this course.**

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**LARC461**      **People and the Environment**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**LARC471**      **Capstone Studio: Community Design**  
(Perm req)      Credits: 5      Grading Method: Regular,      CORE: CS  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LARC489E**      **Special Topics in Landscape Architecture; Planting Design**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LARC489V**      **Special Topics in Landscape Architecture; Digital Design Tools**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**LARC499**      **Independent Studies in Landscape Architecture**  
(Perm req)      Credits: 1-4      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LARC641**      **Graduate Studio II**  
(Perm req)      Credits: 5      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**LARC648**      **Graduate Studio IV**  
(Perm req)      Credits: 5      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**LASC286 Internship in Latin American/Caribbean Studies**  
(Perm req) Credits: 1-6 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**LASC348E Special Topics in Latin American Studies; Caribbean Literature**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LASC448B Special Topics in Latin American Studies; Social Justice and Public Art: Policing Gender, Race, and Citizenship**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**LASC448K Special Topics in Latin American Studies; Postcolonialism**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**LASC448Q Special Topics in Latin American Studies; Amazon Through Film**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**LASC458B Senior Capstone Course in Latin American Studies; Social Justice and Public Art: Policing Gender, Race, and Citizenship**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**LASC486 Internship in Latin American/Caribbean Studies**  
(Perm req) Credits: 1-6 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**LASC648B Special Topics in Latin American Studies; Social Justice and Public Art: Policing Gender, Race, and Citizenship**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**LATN101 Elementary Latin I**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LATN201 Intermediate Latin**

Credits: 4                      Grading Method: Regular,                      CORE: HO  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LATN302 Ovid**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LATN415 Vergil's Aeneid**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LATN488C Latin Readings; Cicero**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LATN499 Independent Study in Latin Language and Literature**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LATN604 Cicero**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**LATN605 Vergil**

Credits: 3                      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**LATN699 Independent Studies in Latin Literature**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**LATN799 Master's Thesis Research**

(Perm req)

Credits: 1-6      Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

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**LBSC Library Science**

**Spring 2017**

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**LBSC602 Serving Information Needs**

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**LBSC622 Information and Universal Usability**

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**LBSC631 Achieving Organizational Excellence**

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**LBSC641 Selecting and Evaluating of Resources for Learning**

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**LBSC646 Literature and Materials for Young Adults**

Credits: 3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**LBSC671 Creating Information Infrastructures**



Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LBSC680                    Principles of Records and Information Management**

Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LBSC703                    Field Study in Archives, Records and Information Management**

Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LBSC707                    Field Study in Library Service**

Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LBSC709                    Independent Study**

Credits: 1-3                  Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LBSC713                    Planning and Evaluating Library Services**

Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LBSC744                    Internship in School Libraries**

Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LBSC770                    Metadata and Tools for Information Professionals**

Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LBSC785**            **Documentation, Collection, and Appraisal of Records**  
Credits: 3            Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**LBSC786**            **Library and Archives Preservation**  
Credits: 3            Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**LBSC791**            **Designing Principled Inquiry**  
Credits: 3            Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**LBSC799**            **Master's Thesis Research**  
Credits: 1-6            Grading Method: Regular  
**Contact department for information to register for this course.**

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**LGBT**            **Lesbian Gay Bisexual Transgender**            **Spring 2017**  
**Studies**

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**LGBT200**            **Introduction to Lesbian, Gay, Bisexual, and Transgender Studies**  
Credits: 3            Grading Method: Regular,            CORE: SB, D  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LGBT265**            **Lesbian, Gay, Bisexual, and Transgender Literatures**  
Credits: 3            Grading Method: Regular,            CORE: HL, D  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LGBT359A**            **Special Topics in Lesbian, Gay, Bisexual, and Transgender Literatures; American Autobiographics**  
Credits: 3            Grading Method: Regular,  
                                Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LGBT359M**            **Special Topics in Lesbian, Gay, Bisexual, and Transgender Literatures; . Queer Comedy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LGBT386                      Lesbian, Gay, Bisexual, and Transgender Community Organization Internship**

(Perm req)                      Credits: 3-6                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LGBT448P                      Special Topics in Lesbian, Gay, Bisexual, and Transgender Studies; From Birth to Death: LGBTQ Life-Trajectories**

Credits: 3                      Grading Method: Regular,                      , D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LGBT488B                      Seminar in Lesbian, Gay, Bisexual, and Transgender Studies; Deviations: Sexuality, Kinship, and the Study of Norms**

(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LGBT499                      Independent Study**

(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING                      Linguistics                      Spring 2017**

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**LING200                      Introductory Linguistics**

Credits: 3                      Grading Method: Regular,                      CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING240                      Language and Mind**

Credits: 3                      Grading Method: Regular,                      CORE: HO  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING248                      Introduction to Laboratory Research in Linguistics**

(Perm req)                      Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**LING262      HERITAGE LANGUAGES AND THEIR SPEAKERS**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LING311      Syntax I**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LING312      Syntax II**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LING321      Phonology I**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LING350      Philosophy of Language**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LING419N    Topics in Syntax; Grammatical Form and Logical Form**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LING420      Word Formation**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**LING440      Grammars and Cognition**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING448                      Advanced Laboratory Research in Linguistics**  
(Perm req)                      Credits: 2-3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**LING449R                      Topics in Psycholinguistics; Meaning in Language: Brains and Machines**  
(Perm req)                      Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING453                      Mathematical Approaches to Language**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING499                      Directed Studies in Linguistics**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING499C                      Directed Studies in Linguistics; Teaching Assistantship**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING499H                      Directed Studies in Linguistics**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING499L                      Directed Studies in Linguistics; Biology of Language**  
Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING611                      Issues in Syntax**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**LING621            Issues in Phonology**  
  
Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**LING641            Issues in Psycholinguistics**  
  
Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**LING661            Issues in Semantics**  
  
Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**LING678            Linguistic Field Methods**  
  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**LING689            Independent Study**  
  
Credits: 1-3                 Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**LING689T          Independent Study; Pedagogy for Linguistics**  
  
Credits: 1                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**LING698            Directed Study; Seminar**  
  
Credits: 1-3                 Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**LING698C          Directed Study; Computational Psycholinguistics**

Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LING773                    Computational Linguistics II**  
  
Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LING798                    Research Papers in Linguistics**  
(Perm req)                Credits: 1-6                Grading Method: Regular  
**Contact department for information to register for this course.**

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**LING799                    Master's Thesis Research**  
  
Credits: 1-6                Grading Method: Regular  
**Contact department for information to register for this course.**

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**LING819C                  Seminar in Syntactic Theory; Not Quite Complete Trees**  
  
Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LING879A                  Seminar in Semantics; Quantity in Grammar and Cognition**  
  
Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LING889                    Directed Research**  
  
Credits: 1-8                Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LING889C                  Directed Research; Computational Psycholinguistics**  
  
Credits: 3                    Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**LING895                    Doctoral Research Paper**

Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**LING896      Research Paper in Minor Area**

Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**LING898      Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular  
**Contact department for information to register for this course.**

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**LING899      Doctoral Dissertation Research**

(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MAIT      Masters in the Mathematics of      Spring 2017**  
**Advanced Industrial Tech**

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**MAIT699      Independent Masters Project**

Credits: 1-3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**MATH      Mathematics      Spring 2017**

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**MATH003      Developmental Mathematics**

Credits: 3      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**MATH007      Algebra for MATH 107**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH013      Algebra for MATH 113**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**





**Contact department for information to register for this course.**

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**MATH140      Calculus I**

Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: MS

**Contact department for information to register for this course.**

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**MATH141      Calculus II**

Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: MS

**Contact department for information to register for this course.**

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**MATH141H     Calculus II**

Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: MS

**Contact department for information to register for this course.**

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**MATH199A     Special Topics in Mathematics**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MATH206      Introduction to Matlab**

Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MATH212      Elements of Numbers and Operations**

Credits: 3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**MATH213      Elements of Geometry and Measurement**

Credits: 3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**MATH214      Elements of Probability and Statistics**

Credits: 3                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**MATH240**                    **Introduction to Linear Algebra**  
  
Credits: 4                    Grading Method: Regular,  
                                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH241**                    **Calculus III**  
  
Credits: 4                    Grading Method: Regular,  
                                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH241H**                    **Calculus III**  
  
Credits: 4                    Grading Method: Regular,  
                                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH246**                    **Differential Equations for Scientists and Engineers**  
  
Credits: 3                    Grading Method: Regular,  
                                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH246H**                    **Differential Equations for Scientists and Engineers**  
  
Credits: 3                    Grading Method: Regular,  
                                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH274**                    **History of Mathematics**  
  
Credits: 3                    Grading Method: Regular,                    CORE: IE  
                                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH299A**                    **Selected Topics in Mathematics**  
  
Credits: 1-3                    Grading Method: Regular,  
                                      Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH310**      **Introduction to Mathematical Proof**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**MATH312**      **Mathematical Reasoning and Proof for Pre-Service Middle School Teachers**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH315**      **Algebra for Preservice Middle School Teachers**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH341**      **Multivariable Calculus, Linear Algebra, Differential Equations II (Honors)**  
(Perm req)  
Credits: 4              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH386**      **Experiential Learning**  
(Perm req)  
Credits: 3-6              Grading Method: Regular,  
                                 Pass-Fail  
**Contact department for information to register for this course.**

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**MATH401**      **Applications of Linear Algebra**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH402**      **Algebraic Structures**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH403**      **Introduction to Abstract Algebra**  
Credits: 3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH405**      **Linear Algebra**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH406**      **Introduction to Number Theory**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH410**      **Advanced Calculus I**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH411**      **Advanced Calculus II**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH416**      **Applied Harmonic Analysis: An Introduction to Signal Processing**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH420**      **Mathematical Modeling**  
Credits: 3      Grading Method: Regular      CORE: CS  
**Contact department for information to register for this course.**

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**MATH430**      **Euclidean and Non-Euclidean Geometries**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH437**      **Differential Forms**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH446**      **Axiomatic Set Theory**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH456**      **Cryptology**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH461**      **Linear Algebra for Scientists and Engineers**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH462**      **Partial Differential Equations**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH463**      **Complex Variables for Scientists and Engineers**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH464**      **Transform Methods for Scientists and Engineers**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH475**      **Combinatorics and Graph Theory**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MATH478A**      **Selected Topics For Teachers of Mathematics**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

---

**MATH489      Research Interactions in Mathematics; Research Interactions in Mathematics**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MATH498A      Selected Topics in Mathematics**

(Perm req)

Credits: 1-9      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MATH601      Abstract Algebra II**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MATH621      Algebraic Number Theory II**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MATH631      Real Analysis II**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MATH660      Complex Analysis I**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

---

**MATH671      Ordinary Differential Equations II**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MATH674      Partial Differential Equations II**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MATH689**

**Research Interactions in Mathematics**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MATH713**

**Mathematical Logic II**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MATH740**

**Fundamental Concepts of Differential Geometry**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MATH799**

**Master's Thesis Research**

Credits: 1-6      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**MATH808A**

**Selected Topics in Algebra**

Credits: 1-3      Grading Method: Regular

**Contact department for information to register for this course.**

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**MATH808K**

**Selected Topics in Algebra; D-Modules, Perverse Sheaves and Geometry**

Credits: 1-3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MATH818A**

**Selected Topics in Logic**

Credits: 1-3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MATH848A**

**Selected Topics in Geometry and Topology**

Credits: 1-3      Grading Method: Regular,  
Audit



Contact department for information to register for this course.

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**MATH848R Selected Topics in Geometry and Topology; Dynamics on Moduli Spaces**

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MATH858A Selected Topics in Analysis**

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MATH858D Selected Topics in Analysis; Stochastic Methods with Applications**

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MATH868A Selected Topics in Complex Analysis**

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MATH868F Selected Topics in Complex Analysis; An Introduction to Teichmueller Dynamics**

Credits: 1-3      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**MATH898 Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

---

**MATH899 Doctoral Dissertation Research**

(Perm req) Credits: 6      Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

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**MEES432 Physiological Ecology of Animals**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**MEES498T Topics in Marine-Estuarine-Environmental Sciences; Marine and Environmental Biotechnology**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MEES608I Seminar in Marine-Estuarine-Environmental Sciences; Phytoplankton Blooms**

Credits: 1                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MEES608P Seminar in Marine-Estuarine-Environmental Sciences; Fisheries Management**

Credits: 1                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MEES608R Seminar in Marine-Estuarine-Environmental Sciences; Applied Bayesian Statistics**

Credits: 1                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MEES608Y Seminar in Marine-Estuarine-Environmental Sciences; Data Graphics in R**

Credits: 1                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MEES611 Estuarine Systems Ecology**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MEES620 Coupled Human & Natural Systems**

Credits: 4                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MEES621 Biological Oceanography**  
Credits: 4                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**MEES627 Environmental Geochemistry II**  
Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**MEES632 Physiological Ecology of Animals**  
Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**MEES661 Physics of Estuarine and Marine Environments**  
Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**MEES663 Ecological Genomics**  
Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**MEES681 Advanced Ecological Design**  
Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**MEES698C Special Topics in Marine-Estuarine-Environmental Sciences; Chemical Oceanography**  
Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**MEES698T Special Topics in Marine-Estuarine-Environmental Sciences; Marine and Environmental Biotechnology**  
Credits: 4                    Grading Method: Regular,  
   Audit

Contact department for information to register for this course.

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**MEES698Y Special Topics in Marine-Estuarine-Environmental Sciences; Science for Environmental Management**

Credits: 2 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MEES699 Special Problems in Marine-Estuarine-Environmental Sciences**

(Perm req)

Credits: 1-3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MEES708M Advanced Topics in Marine-Estuarine-Environmental Science; Environmental Statistic II**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MEES708N Advanced Topics in Marine-Estuarine-Environmental Science; R Programming**

(Perm req)

Credits: 2 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MEES708V Advanced Topics in Marine-Estuarine-Environmental Science; Exploring River-Estuary Transitions in the Anthropocene**

Credits: 1 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**MEES712 Advanced Population Dynamics and Assessment**

Credits: 4 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MEES743 Aquatic Toxicology**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**MEES799 Masters Thesis Research**

Credits: 1-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MEES898**      **Pre-Candidacy Research**  
Credits: 1-8      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MEES899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MIEH**      **Maryland Institute for Applied Environmental Health**      **Spring 2017**

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**MIEH240**      **Global Health Projects: Addressing Health Needs with a focus on Reciprocity and Relationships**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MIEH300**      **A Public Health Perspective: Introduction to Environmental Health**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MIEH309**      **Environmental Health Research**  
Credits: 1-3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MIEH331**      **The Built Environment, Sustainability, and Public Health: The Good, the Bad, and the Ugly**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MIEH400**      **Introduction to Global Health**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MIEH480**      **Introduction to Occupational Health**  
Credits: 3      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**MIEH600**          **Foundations of Environmental Health**  
Credits: 3          Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**MIEH609**          **Methods in Toxicology and Environmental Health**  
Credits: 1-3          Grading Method: Regular  
**Contact department for information to register for this course.**

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**MIEH610**          **Global Health Program Planning and Evaluation**  
Credits: 3          Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**MIEH688**          **Seminar in the Maryland Institute for Applied Environmental Health: Current Topics in Environmental Health**  
Credits: 1          Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**MIEH720**          **Principles of Toxicology**  
Credits: 3          Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**MIEH730**          **Environmental Justice, Built Environment, and Health Disparities**  
Credits: 3          Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**MIEH770**          **Law and Policy in Environmental Health**  
Credits: 3          Grading Method: Regular,  
                                Audit  
**Contact department for information to register for this course.**

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**MIEH771**          **Exposure Assessment of Environmental Hazards**  
Credits: 3          Grading Method: Regular,  
                                Audit

Contact department for information to register for this course.

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**MIEH785**      **Internship in Public Health**

Credits: 3                      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MIEH786**      **Capsone Project in Public Health**

Credits: 3                      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MIEH788**      **Critical Readings in Environmental Health**

Credits: 1-3                      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MIEH789**      **Independent Study**

(Perm req)

Credits: 1-6                      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**MIEH799**      **Master's Thesis Research**

(Perm req)

Credits: 1-6                      Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

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**MIEH898**      **Pre-Candidacy Research**

(Perm req)

Credits: 1-8                      Grading Method: Regular

Contact department for information to register for this course.

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**MIEH899**      **Doctoral Dissertation Research**

(Perm req)

Credits: 1-8                      Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

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**MITH610**      **Introduction to Digital Studies in the Arts and Humanities**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MITH729**      **Colloquium in Digital Studies**  
(Perm req)      Credits: 1      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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## **MLAW**      **MPower Undergraduate Law Programs**      **Spring 2017**

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**MLAW150**      **Law in a Just Society**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MLAW358C**      **Selected Topics in Law and Society; The Supreme Court and the Constitution**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MLAW358L**      **Selected Topics in Law and Society; Law and Society Special Topics: Love and the Law**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MLAW374**      **Freddie Gray's Baltimore**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MLAW377**      **The Legal Profession**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MLAW388**      **Law and Society Internship**  
Credits: 1-4      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MLAW404**      **Law & Society Capstone: Implications of Technology on Law & Society**  
Credits: 3      Grading Method: Regular



Contact department for information to register for this course.

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## **MLSC MD Language Science Ctr**

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**Spring 2017**

### **MLSC308 PULSAR Language Science Research Seminar**

(Perm req)

Credits: 1

Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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## **MUED Music Education**

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**Spring 2017**

### **MUED155 Fundamentals for the Classroom Teacher**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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### **MUED187 Pre-Professional Experiences II**

(Perm req)

Credits: 1

Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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### **MUED216 Percussion Technique and Pedagogy**

(Perm req)

Credits: 2

Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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### **MUED217 Brass Instrument Technique and Pedagogy**

Credits: 2

Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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### **MUED222 Classroom Instruments Technique and Pedagogy**

(Perm req)

Credits: 2

Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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### **MUED311 Teaching Elementary Instrumental Music I**

(Perm req)

Credits: 2

Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**MUED411 Teaching Elementary Instrumental Music II**  
(Perm req) Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUED472 Teaching Choral Music**  
(Perm req) Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**MUED473 Teaching General Music for Instrumentalists**  
(Perm req) Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUED474 Field Experiences: Pre-Student Teaching**  
(Perm req) Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUED484 Student Teaching in Elementary School: Music**  
(Perm req) Credits: 6 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**MUED489C Field Experiences**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUED489I Field Experiences**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUED494 Student Teaching in Secondary School: Music**  
(Perm req) Credits: 6 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**MUED790**      **Design and Analysis of Research in Music Education**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC**      **School of Music**

**Spring 2017**

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**MUSC099**      **Performance Attendance**  
Credits: 0              Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**MUSC102B**      **Class Piano**  
Credits: 2              Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC103**      **Beginning Class Piano II**  
(Perm req)              Credits: 2              Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**MUSC106**      **Beginning Classical Guitar**  
Credits: 2              Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC126**      **Vocal Diction: English and Latin**  
(Perm req)              Credits: 1              Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC128**      **Sight Reading For Pianists**  
(Perm req)              Credits: 2              Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC129A**      **Ensemble; Chamber Strings**  
(Perm req)              Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**Contact department for information to register for this course.**

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**MUSC203**

**Intermediate Class Piano II**

(Perm req)

Credits: 2                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MUSC204**

**Popular Music in Black America**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MUSC205**

**History of Popular Music, 1950-Present**

Credits: 3                      Grading Method: Regular,                      CORE: HA  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MUSC210**

**The Impact of Music on Life**

Credits: 3                      Grading Method: Regular                      CORE: HA, D

**Contact department for information to register for this course.**

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**MUSC215**

**World Popular Musics and Identity**

Credits: 3                      Grading Method: Regular,                      CORE: HA, D  
Audit

**Contact department for information to register for this course.**

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**MUSC220**

**Selected Musical Cultures of the World**

Credits: 3                      Grading Method: Regular                      CORE: HA, D

**Contact department for information to register for this course.**

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**MUSC226**

**Vocal Diction: French**

(Perm req)

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MUSC228**

**Introduction to Accompanying for Pianists**

(Perm req)

Credits: 2                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MUSC229A**      **Ensemble; Symphony Orchestra**  
(Perm req)      Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC229D**      **Ensemble; Wind Orchestra**  
(Perm req)      Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC229E**      **Ensemble; Wind Ensemble**  
(Perm req)      Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC229G**      **Ensemble; Marching Band Repertoire**  
Credits: 1              Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC229J**      **Ensemble; Jazz Ensemble**  
(Perm req)      Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC229P**      **Ensemble; Pep Band**  
Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC229R**      **Ensemble; Repertoire Orchestra**  
(Perm req)      Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC229U**      **Ensemble; University Band**  
Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC229Z**      **Ensemble; Jazz Combo**  
(Perm req)      Credits: 1              Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC251      Advanced Theory of Music II**

(Perm req)

Credits: 4      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC289I      Exploring the Power of Musical Performance in Social Engagement**

Credits: 3      Grading Method: Regular,      CORE: HA, D  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MUSC320      Music History II**

(Perm req)

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**MUSC329A      Ensemble; University of Maryland Chorale**

(Perm req)

Credits: 1      Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC329B      Ensemble; Chamber Singers**

(Perm req)

Credits: 1      Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC329E      Ensemble; Gospel Choir**

Credits: 1      Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC329M      Ensemble; Men's Chorus**

Credits: 1      Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC329O      Ensemble; Opera Chorus**

(Perm req)

Credits: 1      Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC329W Ensemble; Women's Chorus**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC379 Opera Workshop**  
(Perm req)  
Credits: 1                      Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**MUSC386 Experiential Learning**  
(Perm req)  
Credits: 6                      Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**MUSC388 Music Internship**  
(Perm req)  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC389 Music Internship Analysis**  
(Perm req)  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC400V Music Pedagogy**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC436 Jazz: Then and Now**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC438X Area Studies in Ethnomusicology; Music of China and Japan**  
(Perm req)  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC444 Wind and Percussion Literature**



(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC446 String Literature**

(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC448 Selected Topics in Music**

(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC448A Selected Topics in Music; Accompanying Practicum**

(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC448D Selected Topics in Music; Music History Pedagogy**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC448F Selected Topics in Music; Style Analysis**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC448W Selected Topics in Music; Instrumental Pedagogy**

(Perm req) Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**MUSC450 Musical Form**

(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC454**      **Jazz Improvisation II**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC456**      **Jazz Arranging**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC463**      **Applications in Music Technology**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC469F**      **Orchestral Excerpts for String Players; Bass**  
(Perm req)      Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC469V**      **Orchestral Excerpts for String Players; HARP**  
(Perm req)      Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC470**      **Harmonic and Contrapuntal Practices of the Twentieth Century**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC485**      **Music in the 20th Century**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**MUSC490**      **Conducting**  
(Perm req)      Credits: 2      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC629R**      **Ensemble; Repertoire Orchestra**  
(Perm req)      Credits: 1      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC629U**      **Ensemble; University Band**  
Credits: 1      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC629W**      **Ensemble; Wind Orchestra**  
(Perm req)      Credits: 1      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC629Z**      **Ensemble; Jazz Combo**  
(Perm req)      Credits: 1      Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC633**      **Field Methods in Ethnomusicology I**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**MUSC642**      **Early Music Notation**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**MUSC644**      **Seminar in Solo Vocal Literature II**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**MUSC645**      **Seminar in Vocal Pedagogy**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**MUSC649A Ensemble; University of Maryland Chorale**

(Perm req)

Credits: 1              Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC649B Ensemble; Chamber Singers**

(Perm req)

Credits: 1              Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC649E Ensemble; Gospel Choir**

Credits: 1              Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC649M Ensemble; Men's Chorus**

Credits: 1              Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC649O Ensemble; Opera Chorus**

(Perm req)

Credits: 1              Grading Method: Regular

**Contact department for information to register for this course.**

---

**MUSC649W Ensemble; Women's Chorus**

Credits: 1              Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC654 Jazz Improvisation II**

(Perm req)

Credits: 3              Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC656 Jazz Arranging**

(Perm req)

Credits: 3              Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC659A Seminar in Repertoire and Pedagogy; Choral**

Credits: 2-3              Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC659B Seminar in Repertoire and Pedagogy; Orchestral**

(Perm req) Credits: 2 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC659C Seminar in Repertoire and Pedagogy; Wind**

(Perm req) Credits: 2-3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC669F Orchestral Excerpts for String Players; BASS**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC669V Orchestral Excerpts for String Players; HARP**

Credits: 1 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC672 Masterworks of the 20th Century: 1900-1950**

(Perm req) Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC673 Style Analysis**

(Perm req) Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC677 Current Theory and Method in Ethnomusicology**

(Perm req) Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC679N Seminar in Ethnomusicology**

(Perm req) Credits: 3 Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC688      Advanced Orchestration**

(Perm req)      Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC699      Selected Topics in Music**

(Perm req)      Credits: 1-3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC699B      Selected Topics in Music; Ballets Russes**

(Perm req)      Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC699P      Selected Topics in Music; Public Musicology**

(Perm req)      Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC699S      Selected Topics in Music; Perspectives on Musical Structure**

(Perm req)      Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC699W      Selected Topics in Music; Instrumental Pedagogy**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**MUSC758      Advanced Aural Skills for Conductors**

(Perm req)      Credits: 1      Grading Method: Regular

**Contact department for information to register for this course.**

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**MUSC799      Master's Thesis Research**

(Perm req)      Credits: 1-6      Grading Method: Regular





Credits: 3                  Grading Method: Regular,  
 Audit  
**Contact department for information to register for this course.**

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**MUSC831C          Doctoral Seminar in Music Literature**  
 (Perm req)  
 Credits: 3                  Grading Method: Regular,  
 Audit  
**Contact department for information to register for this course.**

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**MUSC831P          Doctoral Seminar in Music Literature**  
 Credits: 3                  Grading Method: Regular,  
 Audit  
**Contact department for information to register for this course.**

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**MUSC831V          Doctoral Seminar in Music Literature**  
 Credits: 3                  Grading Method: Regular,  
 Audit  
**Contact department for information to register for this course.**

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**MUSC831W          Doctoral Seminar in Music Literature**  
 Credits: 3                  Grading Method: Regular,  
 Audit  
**Contact department for information to register for this course.**

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**MUSC898          Pre-Candidacy Research**  
 Credits: 1-8              Grading Method: Regular  
**Contact department for information to register for this course.**

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**MUSC899          Doctoral Dissertation Research**  
 (Perm req)  
 Credits: 6                  Grading Method: Regular  
**Contact department for information to register for this course.**

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## **NACS          Neuroscience & Cognitive Science          Spring 2017**

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**NACS600          Ethics in Scientific Research**  
 (Perm req)  
 Credits: 2                  Grading Method: Regular,  
 Audit  
**Contact department for information to register for this course.**

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<b>NACS608</b>	<b>Neuroscience and Cognitive Science Seminar</b>
Credits: 1	Grading Method: Regular
<b>Contact department for information to register for this course.</b>	

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<b>NACS642</b>	<b>Cognitive Neuroscience</b>
Credits: 4	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	

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<b>NACS728K</b>	<b>Selected Topics in Neuroscience and Cognitive Science; Neurological Bases of Human Communications</b>
Credits: 2	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	

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<b>NACS728M</b>	<b>Selected Topics in Neuroscience and Cognitive Science; Grant Writing</b>
Credits: 2	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	

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<b>NACS728N</b>	<b>Selected Topics in Neuroscience and Cognitive Science; Diseases of the Nervous System</b>
Credits: 3	Grading Method: Regular
<b>Contact department for information to register for this course.</b>	

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<b>NACS728O</b>	<b>Selected Topics in Neuroscience and Cognitive Science; Hormones and Behavior</b>
Credits: 3	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	

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<b>NACS728P</b>	<b>Selected Topics in Neuroscience and Cognitive Science; Computational Psycholinguistics</b>
Credits: 3	Grading Method: Regular, Audit
<b>Contact department for information to register for this course.</b>	

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<b>NACS728Q</b>	<b>Selected Topics in Neuroscience and Cognitive Science; Biological Bases of Behavior Laboratory</b>
(Perm req)	Grading Method: Regular, Audit
Credits: 4	
<b>Contact department for information to register for this course.</b>	

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**NACS728V Selected Topics in Neuroscience and Cognitive Science; Hearing II, Translational Issues**

Credits: 3 Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**NACS798 Master's Non-Thesis Research**

Credits: 1-3 Grading Method: Regular

**Contact department for information to register for this course.**

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**NACS799 Master's Thesis Research**

Credits: 1-3 Grading Method: Regular

**Contact department for information to register for this course.**

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**NACS898 Pre-Candidacy Research**

Credits: 1-8 Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**NACS899 Doctoral Dissertation Research**

(Perm req)

Credits: 6 Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**NAVY**

**Navy**

**Spring 2017**

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**NAVY101 Sea Power and Maritime Affairs**

Credits: 3 Grading Method: Regular

**Contact department for information to register for this course.**

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**NAVY108 Naval Science Leadership Lab**

Credits: 1 Grading Method: Regular

**Contact department for information to register for this course.**

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**NAVY198 Navy ROTC Independent Study**

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**NAVY201 Navigation**

(Perm req)

Credits: 3

Grading Method: Regular

**Contact department for information to register for this course.**

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**NAVY301**

**Naval Ship Systems II (Weapons)**

Credits: 3

Grading Method: Regular

**Contact department for information to register for this course.**

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**NAVY302**

**Evolution of Warfare**

Credits: 3

Grading Method: Regular

**Contact department for information to register for this course.**

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**NAVY401**

**Leadership and Ethics**

Credits: 3

Grading Method: Regular

**Contact department for information to register for this course.**

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**NFSC**

**Nutrition and Food Science**

**Spring 2017**

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**NFSC100**

**Elements of Nutrition**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

CORE: LS

**Contact department for information to register for this course.**

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**NFSC220**

**Diet: Is it a cause or a solution**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**NFSC315**

**Nutrition During the Life Cycle**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**NFSC386**

**Experiential Learning**

(Perm req)

Credits: 3-6

Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**NFSC398**

**Seminar**

Credits: 1            Grading Method: Regular  
**Contact department for information to register for this course.**

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**NFSC399            Special Problems in Food Science**  
(Perm req)  
Credits: 1-3            Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC412            Food Processing Technology**  
Credits: 4            Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC430            Food Microbiology**  
Credits: 3            Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC431            Food Quality Control**  
Credits: 4            Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC434            Food Microbiology Laboratory**  
Credits: 3            Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC450            Food and Nutrient Analysis**  
Credits: 3            Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC460            Medical Nutrition Therapy**  
(Perm req)  
Credits: 4            Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC470            Community Nutrition**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC490                      Special Problems in Nutrition**  
(Perm req)  
Credits: 2-3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC491                      Issues and Problems in Dietetics**  
Credits: 3                      Grading Method: Regular,                      CORE: CS  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC498                      Selected Topics**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC498A                      Selected Topics; Individual Study**  
(Perm req)  
Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC498L                      Selected Topics; Diet and Optimal Human Health**  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**NFSC631                      Advanced Food Microbiology**  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**NFSC678A                      Selected Topics in Nutrition**  
Credits: 1-4                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**NFSC678L                      Selected Topics in Nutrition; Diet and Optimal Human Health**

Credits: 3                      Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

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**NFSC678M      Selected Topics in Nutrition; Current Topics in Nutrition and Inflammatory Disease**

Credits: 3                      Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

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**NFSC679F      Selected Topics in Food Science; Food Processing Technology**

Credits: 4                      Grading Method: Regular

**Contact department for information to register for this course.**

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**NFSC679M      Selected Topics in Food Science; Food Microbiology**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**NFSC688        Seminar in Nutrition and Food Science**

Credits: 1-3                  Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

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**NFSC699        Problems in Nutrition and Food Science**

(Perm req)

Credits: 1-4                  Grading Method: Regular,  
  Audit

**Contact department for information to register for this course.**

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**NFSC799        Master's Thesis Research**

Credits: 1-6                  Grading Method: Regular

**Contact department for information to register for this course.**

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**NFSC898        Pre-Candidacy Research**

Credits: 1-8                  Grading Method: Regular

**Contact department for information to register for this course.**

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**NFSC899        Doctoral Dissertation Research**

(Perm req)

Credits: 6                      Grading Method: Regular

**Contact department for information to register for this course.**



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**NIAP****National Institute of Aeronautics -  
Va Tech****Spring 2017**

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**NIAP788A****Special Topics in National Institute of Aerospace Engineering; Applied Numerical Method**Credits: 1-3      Grading Method: Regular,  
Audit**Contact department for information to register for this course.**

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**NIAV****National Institute of Aeronautics -  
Univ of VA****Spring 2017**

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**NIAV788W****Advanced Topics; Statistics for Engineers and Scientists**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**PEER****Health Center****Spring 2017**

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**PEER318****CARE Peer Advocacy**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**PEER319****CARE Peer Outreach**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**PEER321****Advanced Peer Education Mental Health and Wellness**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**PEER322****Advanced Peer Education: Sexual Assault Prevention**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**PEER323****Advanced Peer Education: Alcohol and Other Drugs Education**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**PEER324****Advanced Peer Education: Sexual Health & Wellness**

Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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## **PERS**

## **Persian**

**Spring 2017**

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**PERS102**

### **Elementary Persian II**

Credits: 4      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PERS212**

### **Intermediate Reading in Persian**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PERS252**

### **Gender and Body in Iran**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PERS302**

### **Advanced Persian II**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PERS312**

### **Contemporary Iranian Culture**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PERS386**

### **Experiential Learning**

Credits: 3-6      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PERS398B**

### **Special Topics in Persian Studies; Arts, Leisure, and Entertainment: Urban Life in Modern Iran**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PERS399 Directed Study in Persian**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PERS399F Directed Study in Persian**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PERS498A Special Topics in Persian Studies; Advanced Literary Skills in Persian**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PERS498D Special Topics in Persian Studies; Political, Economic, and Social Thought in Today's Iran**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PERS498E Special Topics in Persian Studies; Translation of Contemporary Persian TExts**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PERS498G Special Topics in Persian Studies; Masterpieces of Persian Literature**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PERS498M Special Topics in Persian Studies; Sex, Gender, and Sexuality in the Islamic World**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PERS689 Special Topics in Persian Studies**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PERS689M**      **Special Topics in Persian Studies; Sex, Gender, and Sexuality in the Islamic World**

Credits: 3                      Grading Method: Regular,  
    Audit

**Contact department for information to register for this course.**

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**PHIL**                      **Philosophy**

**Spring 2017**

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**PHIL100**                      **Introduction to Philosophy**

Credits: 3                      Grading Method: Regular,                      CORE: HO  
    Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHIL140**                      **Contemporary Moral Issues**

Credits: 3                      Grading Method: Regular,                      CORE: HO  
    Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHIL170**                      **Introduction to Logic**

Credits: 3                      Grading Method: Regular,                      CORE: MS  
    Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHIL209A**                      **Philosophical Issues; Bioethics: Regulating Right and Wrong**

Credits: 3                      Grading Method: Regular,  
    Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHIL209J**                      **Philosophical Issues: The Rights and Wrongs of Killing People**

Credits: 3                      Grading Method: Regular,                      CORE: HO  
    Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHIL209N**                      **Know Thyself: Wisdom Through Cognitive Science**

Credits: 3                      Grading Method: Regular,                      CORE: HO  
    Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHIL230**                      **Philosophy of the Arts**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HA

**Contact department for information to register for this course.**

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**PHIL236                      Philosophy of Religion**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HO

**Contact department for information to register for this course.**

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**PHIL245                      Political and Social Philosophy I**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HO

**Contact department for information to register for this course.**

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**PHIL282                      Free Will & Determinism**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HO

**Contact department for information to register for this course.**

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**PHIL309A                      Philosophical Problems; Art, Imagination & Emotion**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHIL309L                      Philosophical Problems; Human Life: Absurdity, Contingency, Meaning and Death**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHIL309P                      Philosophical Problems; Philosophy, Politics and Economics**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHIL320                      Modern Philosophy**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHIL360**      **Philosophy of Language**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL364**      **Metaphysics**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL366**      **Philosophy of Mind**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL386**      **Experiential Learning**  
(Perm req)  
Credits: 6      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**PHIL408B**      **Topics in Contemporary Philosophy; Bayesian Epistemology**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL408P**      **Topics in Contemporary Philosophy; Moral Psychology**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PHIL408R**      **Topics in Contemporary Philosophy; Philosophical Presentations: Talks, Power Points and Polished Papers**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL408X**      **Topics in Contemporary Philosophy; Conscious Episodes**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL414**      **The Philosophy of Aristotle**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL428A**      **Topics in the History of Philosophy; Postcolonialism**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL428M**      **Topics in the History of Philosophy; Descartes and Mechanism**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL470**      **Logical Theory**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**PHIL498F**      **Topical Investigations; Topical Investigation**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL498G**      **Topical Investigations; Topical Investigation**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHIL640**      **Value Theory**  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**PHIL788**      **Research in Philosophy**  
Credits: 1-6                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**PHIL788G      Research in Philosophy; Research in Philosophy**

(Perm req)

Credits: 1-6      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**PHIL788I      Research in Philosophy; Research in Philosophy**

(Perm req)

Credits: 1-6      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**PHIL799      Master's Thesis Research; Masters Thesis Research**

Credits: 1-6      Grading Method: Regular

**Contact department for information to register for this course.**

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**PHIL808A      Seminar in the Problems of Philosophy**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**PHIL808B      Seminar in the Problems of Philosophy**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**PHIL828D      Seminar in the History of Philosophy; Aristotle's Moral Psychology**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**PHIL848B      Seminar in Ethics**

Credits: 3      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**PHIL888      Professional Mentoring for Doctoral Students**

Credits: 1-3      Grading Method: Sat-Fail

**Contact department for information to register for this course.**



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**PHIL889 Pedagogical Mentoring for Doctoral Students**  
(Perm req) Credits: 1-3 Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**PHIL898 Pre-Candidacy Research**  
Credits: 1-8 Grading Method: Regular  
**Contact department for information to register for this course.**

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**PHIL899 Doctoral Dissertation Research; Doctoral Dissertation Research**  
(Perm req) Credits: 6 Grading Method: Regular  
**Contact department for information to register for this course.**

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## **PHSC Public Health Science Spring 2017**

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**PHSC389 Independent Research Study in Public Health Science**  
Credits: 1-3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**PHSC401 History of Public Health**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**PHSC410 Public Health Program Planning and Evaluation**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**PHSC412 Food, Policy, and Public Health**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**PHSC415 Essentials of Public Health Biology: The Cell, The Individual, and Disease**  
Credits: 3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**PHSC420 Vaccines and Immunology**  
Credits: 3 Grading Method: Regular



**Contact department for information to register for this course.**

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**PHYS132      Fundamentals of Physics for Life Sciences II**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS161      General Physics: Mechanics and Particle Dynamics**

Credits: 3                      Grading Method: Regular,                      CORE: PS  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS165      Introduction to Programming in the Physical Sciences**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS171      Introductory Physics: Mechanics and Relativity**

Credits: 3                      Grading Method: Regular,                      CORE: PS  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS174      Physics Laboratory Introduction**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS260      General Physics: Vibration, Waves, Heat, Electricity and Magnetism**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS261      General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS261M      General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)**

(Perm req)

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS270**

**General Physics: Electrodynamics, Light, Relativity and Modern Physics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS271**

**General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory)**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

---

**PHYS271M**

**General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory)**

(Perm req)

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS272**

**Introductory Physics: Fields**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS272H**

**Introductory Physics: Fields**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS273**

**Introductory Physics: Waves**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS273H**

**Introductory Physics: Waves**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS274**      **Mathematical Methods for Physics I**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS275**      **Experimental Physics I: Mechanics and Heat**  
(Perm req)  
Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS276**      **Experimental Physics II: Electricity and Magnetism**  
(Perm req)  
Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS299**      **Special Problems in Physics**  
(Perm req)  
Credits: 1-6                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS299B**      **Special Problems in Physics; Developing a Physics Toolbox**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS371**      **Modern Physics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS373**      **Mathematical Methods for Physics II**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS375**      **Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS386**      **Experiential Learning**  
(Perm req)      Credits: 3-6      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**PHYS389**      **Undergraduate Thesis Research**  
(Perm req)      Credits: 1-6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS398**      **Independent Studies Seminar**  
(Perm req)      Credits: 1-16      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS399**      **Special Problems in Physics**  
(Perm req)      Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS399C**      **Special Problems in Physics; Physics STEM Seminar**  
(Perm req)      Credits: 1-2      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS399E**      **Special Problems in Physics; Physics STEM Seminar III**  
Credits: 2      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS401**      **Quantum Physics I**  
Credits: 4      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS402**      **Quantum Physics II**  
Credits: 4      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS404 Introduction to Statistical Thermodynamics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS405 Advanced Experiments**

(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS407 Undergraduate Experimental Research**

(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS410 Classical Mechanics**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS411 Intermediate Electricity and Magnetism**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS420 Principles of Modern Physics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS431 Properties of Matter**

(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PHYS474 Computational Physics**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS499A                      Special Problems in Physics**  
(Perm req)  
Credits: 1-6                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS499B                      Special Problems in Physics**  
(Perm req)  
Credits: 1-16                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS499M                      Special Problems in Physics; Physics, Material Chemistry and Device Applications at the Nanoscale**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS499O                      Special Problems in Physics; Atomic, Molecular and Optical Physics**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PHYS499T                      Special Problems in Physics; Accelerator Physics - Building the Maryland 5 MeV Cyclotron**  
(Perm req)  
Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**PHYS603                      Methods of Statistical Physics**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**PHYS606                      Electrodynamics**  
Credits: 4                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**PHYS615**            **Nonlinear Dynamics of Extended Systems**  
Credits: 3            Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**PHYS623**            **Introduction to Quantum Mechanics II**  
(Perm req)  
Credits: 3            Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**PHYS625**            **Non-relativistic Quantum Mechanics**  
Credits: 3            Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**PHYS708**            **Seminar in Teaching College Physics**  
Credits: 1            Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**PHYS709**            **Seminar in General Physics; Statistical Physics**  
Credits: 1            Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**PHYS720**            **Quantum Technology**  
Credits: 3            Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**PHYS728**            **Seminar in Atomic and Molecular Physics**  
Credits: 1            Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**PHYS731**            **Solid State Physics: Survey**  
Credits: 3            Grading Method: Regular,  
                              Audit  
**Contact department for information to register for this course.**

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**PHYS738 Seminar in Experimental Solid State Physics; Quantum Mechanical Many-Body Problems**

Credits: 1                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**PHYS739 Seminar in Theoretical Solid State Physics; Quantum Mechanical Many-Body Problems**

Credits: 1                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**PHYS748 Seminar in Experimental Nuclear Physics; Seminar in Nuclear Physics**

Credits: 1                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**PHYS752 Elementary Particle Physics II: Theory**

Credits: 3                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**PHYS758E Seminar in Elementary Particles and Quantum Field Theory; Experimental Results Including Cosmic Ray Physics**

Credits: 1                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**PHYS759 Seminar in Elementary Particles and Quantum Field Theory**

Credits: 1                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**PHYS769 Seminar in Plasma Physics; Plasma Physics Research**

Credits: 1                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**PHYS778 Seminar in Space and Cosmic Ray Physics**

Credits: 1                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**PHYS798 Special Problems in Advanced Physics**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PHYS798B Special Problems in Advanced Physics; Physics Colloquium**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PHYS798D Special Problems in Advanced Physics; Applied Dynamics Seminar**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PHYS798E Special Problems in Advanced Physics; Electrophysics**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PHYS798L Special Problems in Advanced Physics; Biophysics**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PHYS798N Special Problems in Advanced Physics; Data Practicum at the Intersection of the Physical, computer, and Life Sciences**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PHYS799 Master's Thesis Research**  
(Perm req) Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**PHYS799B Master's Thesis Research**

Credits: 1-6                      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**PHYS838C      Special Topics in Experimental Solid State Physics; Center for Nanophysics and Advanced Materials Seminar**

Credits: 2                      Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**PHYS839A      Special Topics in Theoretical Solid State Physics**

Credits: 1-4                      Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**PHYS851      Advanced Quantum Field Theory**

Credits: 3                      Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**PHYS879G      Special Topics in General Relativity; Gravitational Wave Physics**

Credits: 3                      Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**PHYS879J      Special Topics in General Relativity; String Theory Reading Group**

Credits: 1-3                      Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**PHYS889E      Special Topics in Interdisciplinary Problems; Seminar in Physics Education Research**

Credits: 1                      Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**PHYS898      Pre-Candidacy Research**

(Perm req)                      Credits: 1-8                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**PHYS899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**PLSC**      **Plant Sciences**      **Spring 2017**

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**PLSC100**      **Introduction to Horticulture**  
Credits: 4      Grading Method: Regular,      CORE: LL  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PLSC226**      **Plant Diversity**  
Credits: 4      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PLSC235**      **Irrigation and Drainage**  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PLSC254**      **Woody Plants for Mid-Atlantic Landscape II**  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PLSC271**      **Plant Propagation**  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PLSC272**      **Principles of Arboriculture**  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PLSC275**      **Fundamentals of Agricultural Chemistry**  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC303 Global Food Systems**

Credits: 3                      Grading Method: Regular,                      , D  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC388 Honors Thesis Research**

Credits: 3-6                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC399 Special Problems in Plant Science**

Credits: 1-3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC400 Plant Physiology**

Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC407 Advanced Crop Science**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC425 Green Roofs and Urban Sustainability**

Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC452 Environmental Horticulture**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC460 Application of Knowledge in Plant Sciences**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: CS

**Contact department for information to register for this course.**

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**PLSC461                      Cultural Management of Nursery and Greenhouse Systems: Substrates**

Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC462                      Cultural Management of Nursery and Greenhouse Systems; Irrigation**

Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC464                      Cultural Management of Nursery and Greenhouse Systems: Nutrients**

Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC471                      Forest Ecology**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC489D                      Special Topics in Plant Science; Low Maintenance Plant Design**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC489G                      Special Topics in Plant Science; Communications in the Green Industry**

(Perm req)

Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC489N                      Special Topics in Plant Science; Communication in the Green Industry II**

(Perm req)

Credits: 2                      Grading Method: Regular,  
   Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PLSC489O**      **Special Topics in Plant Science; Plant Taxonomy**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PLSC608T**      **Research Methods; Supervised Teaching**  
Credits: 2                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**PLSC618**      **Advances in Research; Critiquing Primary Plant Science Literature**  
Credits: 1                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**PLSC619**      **Seminars in Plant Science and Landscape Architecture**  
Credits: 1                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**PLSC689C**      **Special Topics; Conservation Biology**  
(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**PLSC689Q**      **Special Topics; Microbiology of Agricultural Systems**  
Credits: 1                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**PLSC689T**      **Special Topics; Tree Genomics**  
Credits: 1-3                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**PLSC789M**      **Advances in Research; Plant Membrane Biology**  
Credits: 1                      Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**



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**PLSC799**      **Master's Thesis Research**  
Credits: 1-6      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**PLSC898**      **Pre-Candidacy Research**  
Credits: 1-8      Grading Method: Regular  
**Contact department for information to register for this course.**

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**PLSC899**      **Doctoral Dissertation Research**  
(Perm req)  
Credits: 6      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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## **PORT**      **Portuguese**      **Spring 2017**

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**PORT204**      **Intensive Intermediate Portuguese**  
Credits: 4      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PORT228C**      **Selected Topics in Latin American Literature and Society; Cannibals, Savages and Carnivalization: The Making of Brazilian National Culture**  
Credits: 3-6      Grading Method: Regular, Pass-Fail  
**Contact department for information to register for this course.**

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**PORT332**      **Brazilian Cinema**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PORT386**      **Experiential Learning**  
(Perm req)  
Credits: 3-6      Grading Method: Regular, Pass-Fail  
**Contact department for information to register for this course.**

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**PORT399**      **Independent Study in Portuguese**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PORT405**      **Portuguese for Spanish Speakers**  
  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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## **PSYC      Psychology      Spring 2017**

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**PSYC100**      **Introduction to Psychology**  
  
Credits: 3      Grading Method: Regular,      CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC123**      **The Psychology of Getting Hired**  
  
Credits: 1      Grading Method: Regular  
**Contact department for information to register for this course.**

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**PSYC200**      **Statistical Methods in Psychology**  
  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC206**      **Developmental Biopsychology**  
  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC221**      **Social Psychology**  
  
Credits: 3      Grading Method: Regular,      CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC289D**      **Living the Good Life: The Psychology of Happiness**  
  
Credits: 3      Grading Method: Regular,      CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC300**      **Research Methods in Psychology Laboratory**  
Credits: 4                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC301**      **Biological Basis of Behavior**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC303**      **Professional Development for Psychology Majors**  
Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC309P**      **Special Topics in Psychology; PREP for Psychology**  
(Perm req)                      Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC319D**      **Community Interventions: Service Learning**  
(Perm req)                      Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC330**      **Child Psychopathology**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC334**      **Psychology of Interpersonal Relationships**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC336**      **Psychology of Women**  
Credits: 3                      Grading Method: Regular,                      , D  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**



**Contact department for information to register for this course.**

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**PSYC406      Neuroethology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC416      Development of Attachment in Infancy and Childhood: Theory, Research, Methods, and Clinical Implications**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC420      Experimental Psychology: Social Psychology Laboratory**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC425      Psychology and Law**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC432      Counseling Psychology: Theories, Research, and Practice**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC433      Basic Helping Skills: Research and Practice**

Credits: 4                      Grading Method: Regular

**Contact department for information to register for this course.**

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**PSYC436      Introduction to Clinical Psychology: From Science to Practice**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC437      The Assessment and Treatment of Addictive Behaviors**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC444                    Cyberpsychology: The Psychology of Human/Computer Interactions**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC455                    Cognitive Development**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC468H                Field Experience and Special Assignments in Honors**

(Perm req)  
Credits: 1-3                Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC469H                Honors Thesis Proposal Preparation**

(Perm req)  
Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC478                    Independent Study in Psychology**

(Perm req)  
Credits: 1-3                Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC479                    Special Research Problems in Psychology**

(Perm req)  
Credits: 1-3                Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC489G                Advanced Special Topics in Psychology; Hormones and Behavior**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PSYC489P      Advanced Special Topics in Psychology; Doing the Right Thing: Integrity and Ethics in Academics and Research**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC489Q      Advanced Special Topics in Psychology; Social Media and Social Computing**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC489T      Advanced Special Topics in Psychology; The Psychology of Terrorism**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC499H      Honors Thesis Research**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC602      Quantitative Methods II**

(Perm req)

Credits: 4                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**PSYC604      Fundamentals of Social Psychology**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**PSYC606      Human Biopsychology**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**PSYC607      Advanced Topics in Human-Learning and Cognitive Psychology**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**PSYC622**      **Research Methods in Clinical Psychology**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**PSYC623**      **Child Psychopathology**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**PSYC625**      **Clinical Assessment: Psychometric Principles, Testing and Behavior**  
(Perm req)      Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**PSYC629**      **Clinical Laboratory**  
(Perm req)      Credits: 1-3              Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**PSYC630**      **Behavioral and Cognitive Behavioral Intervention for Adults**  
Credits: 3              Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**PSYC638**      **Externship in Professional Psychology; Externship in Professional Psychology**  
Credits: 1-3              Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**PSYC639**      **Internship in Professional Psychology; Internship in Professional Psychology**  
Credits: 1              Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**PSYC654**      **Advanced Analytical Thinking: Statistical Methods at Work II**  
Credits: 3              Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**PSYC655**      **Talent Development**

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Credits: 3                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**PSYC663                    Understanding Torture and Trauma I**  
  
Credits: 3                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**PSYC690                    Research in Counseling Psychology I**  
(Perm req)                    Credits: 3                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**PSYC737                    Research Methods in Industrial/Organizational Psychology**  
  
Credits: 3                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**PSYC788B                    Special Research Problems; Ethics in Scientific Research**  
(Perm req)                    Credits: 2                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**PSYC789                    Special Research Problems**  
  
Credits: 1-4                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**PSYC798I                    Graduate Seminar; INTERPERSONAL RELATIONS**  
  
Credits: 1-4                    Grading Method: Regular,  
                                      Audit  
**Contact department for information to register for this course.**

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**PSYC799                    Master's Thesis Research**  
  
Credits: 1-6                    Grading Method: Regular  
**Contact department for information to register for this course.**

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**PSYC888A                    Research Methods in Psychology; Reserach Methods in Psychology: Development Seminar**

Credits: 1-3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PSYC888E      Research Methods in Psychology; Selection and Diversity**  
  
Credits: 1-3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PSYC889      Research Methods in Psychology**  
  
Credits: 1-3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**PSYC898      Pre-Candidacy Research**  
  
Credits: 1-8      Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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**PSYC899      Doctoral Dissertation Research**  
(Perm req)  
Credits: 6      Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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## **PUAF      Public Policy      Spring 2017**

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**PUAF100      Foundations of Public Policy**  
  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PUAF101      Great Thinkers on Public Policy**  
  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PUAF201      Leadership for the Common Good**  
  
Credits: 3      Grading Method: Regular,      CORE: IE  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PUAF215**      **Innovation and Social Change: Creating Change for Good**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**PUAF301**      **Sustainability**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PUAF302**      **Leadership: Philosophy, Policy and Praxis**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PUAF311**      **Women in Leadership**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PUAF313**      **Advocacy in the American Political System**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PUAF349**      **Internship in Political Institutions: State and Local**  
(Perm req)      Credits: 3-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**PUAF386**      **Experiential Learning**  
(Perm req)      Credits: 3-6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**PUAF388D**      **Special Topics in Public Policy; Innovation and Social Change: Do Good Now**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PUAF388G**      **Special Topics in Public Policy; Global Perspectives on Leading and Investing in Social Change**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**PUAF388T**      **Special Topics in Public Policy; Undergraduate Teaching Assistant Directed Study**  
(Perm req)  
Credits: 1-3              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PUAF396**      **Fellowship Program in Political Leadership**  
(Perm req)  
Credits: 2-6              Grading Method: Regular,  
                                 Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**PUAF610**      **Quantitative Aspects of Public Policy**  
Credits: 3              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**PUAF611**      **Quantitative Analysis of Policy Issues**  
Credits: 3              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**PUAF640**      **Microeconomic and Policy Analysis**  
Credits: 3              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**PUAF688C**      **Topics in Public Policy; Cyberspace: Legal and Policy Implications**  
Credits: 3              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**PUAF688E**      **Topics in Public Policy; Governance: Normative & Political Dimensions**  
Credits: 3              Grading Method: Regular,  
                                 Audit  
**Contact department for information to register for this course.**

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**PUAF688F    Topics in Public Policy; State, Local & Non-Profit Financial Management**

Credits: 3             Grading Method: Regular,  
                               Audit

**Contact department for information to register for this course.**

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**PUAF688G    Topics in Public Policy; Governance: Leadership, Management and Accountability**

Credits: 3             Grading Method: Regular,  
                               Audit

**Contact department for information to register for this course.**

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**PUAF688I    Topics in Public Policy; Macroeconomics for Public Policy**

Credits: 2             Grading Method: Regular,  
                               Audit

**Contact department for information to register for this course.**

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**PUAF688R    Topics in Public Policy; Public Budgeting and Financial Management**

Credits: 2             Grading Method: Regular,  
                               Audit

**Contact department for information to register for this course.**

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**PUAF688T    Topics in Public Policy; Team-Based Policy Lab**

Credits: 3             Grading Method: Regular,  
                               Audit

**Contact department for information to register for this course.**

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**PUAF688X    Topics in Public Policy; Human Dignity**

Credits: 3             Grading Method: Regular,  
                               Audit

**Contact department for information to register for this course.**

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**PUAF688Z    Topics in Public Policy; Climate Policy Implementatin Seminar**

Credits: 3             Grading Method: Regular,  
                               Audit

**Contact department for information to register for this course.**

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**PUAF689E    Public Policy Topics; Program Evaluation and Cost-Benefit Analysis**

Credits: 3             Grading Method: Regular,  
                               Audit

**Contact department for information to register for this course.**

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**PUAF689F**      **Public Policy Topics; Current Issues in Federal Acquisition**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**PUAF689L**      **Public Policy Topics; Science and Technology Policy**  
Credits: 1                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**PUAF689X**      **Public Policy Topics; Performance Management**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**PUAF689Y**      **Public Policy Topics; Nonprofit Fundraising**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**PUAF698E**      **Selected Topics in Public Affairs; Proseminar in Normative Public Policy**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**PUAF698R**      **Selected Topics in Public Affairs; Developmental Challenges**  
Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**PUAF699F**      **Selected Topics Public Policy; Ethics of Public Administration**  
Credits: 1-3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**PUAF699Y**      **Selected Topics Public Policy; Globalization, Business and Development**  
Credits: 3                      Grading Method: Regular,  
    Audit

Contact department for information to register for this course.

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**PUAF699Z Selected Topics Public Policy; Energy Policy**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**PUAF717 Federal Budgeting: Policy and Process**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**PUAF720 International Security Policy**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**PUAF732 Policy and Politics of Education Reform**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**PUAF734 Foundations of Social Policy**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**PUAF740 Public Policy and the Environment**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**PUAF745 Human Health and Environmental Policy**

Credits: 3 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**PUAF780 The American Foreign Policy-Making Process**

Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**PUAF781                      International Economic Policy**

Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**PUAF782                      International Development Economics**

Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**PUAF790                      Project Course**

Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**PUAF798A                      Readings in Public Policy**

Credits: 1-3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**PUAF798B                      Readings in Public Policy**

Credits: 1-3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**PUAF798F                      Readings in Public Policy; Moral Foundations of Intelligence**

Credits: 1-3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**PUAF798R                      Readings in Public Policy; Quantitative Research Methods and Public Policy**

Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**PUAF898**      **Pre-Candidacy Research**  
Credits: 1-8      Grading Method: Regular  
**Contact department for information to register for this course.**

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**PUAF899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular  
**Contact department for information to register for this course.**

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**RDEV      Real Estate Development      Spring 2017**

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**RDEV250**      **People, Planet, and Profit: Building Sustainable Places**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**RDEV350**      **Sustainable Real Estate Development: Introduction to Principles, Process, and Practice**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**RDEV450**      **Foundations of Real Estate Finance and Investment**  
(Perm req)      Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**RDEV471**      **Real Estate Development Literature and Critical Analysis**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**RDEV630**      **Fundamentals of Real Estate Development and Finance**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**RDEV650**      **Essentials of Design and Construction Management for Development Professionals**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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Contact department for information to register for this course.

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**RDEV689R**      **Current Topics in Real Estate Development; Retail Real Estate Development and Asset Management**

(Perm req)

Credits: 3

Grading Method: Regular,  
Audit

Contact department for information to register for this course.

---

**RDEV689Y**      **Current Topics in Real Estate Development; Guided Real Estate Development Project**

(Perm req)

Credits: 1-3

Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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## **RELS**      **Religious Studies**

**Spring 2017**

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**RELS170**      **Greek and Roman Mythology**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit      CORE: HL

Contact department for information to register for this course.

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**RELS219A**      **Special Topics in Religious Studies; Religions of the Ancient Near East**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**RELS289D**      **God Wills It! The Crusades in Medieval and Modern Perspective**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit      CORE: SH

Contact department for information to register for this course.

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**RELS289I**      **What is Religion?**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit      CORE: HO, D

Contact department for information to register for this course.

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**RELS289M**      **Jesus, Mani, and Muhammad: The Dynamics of New Religious Movements**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit      CORE: HO, D

Contact department for information to register for this course.

---

**RELS319N Special Topics in Religious Studies; Introduction to Native American Cultures of the United States**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RELS343 The European Reformations**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RELS419B Advanced Topics in Religious Studies**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RELS419R Advanced Topics in Religious Studies; Tradition and Change: Jewish Religion in the Modern World**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RELS429A Advanced Topics in Religious History; Founding Fathers and American Religion**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RELS499 Independent Study in Religious Studies**

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RUSS Russian**

**Spring 2017**

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**RUSS102 Intensive Elementary Russian II**

Credits: 6                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**RUSS202 Intermediate Russian II**

Credits: 5      Grading Method: Regular      CORE: HO  
**Contact department for information to register for this course.**

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**RUSS298C      Special Topics in Russian Language and Literature; Russian Conversation and Phonetics for Intermediate Students**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RUSS302      Advanced Russian II**

Credits: 3      Grading Method: Regular

**Contact department for information to register for this course.**

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**RUSS322      Survey of Russian Literature II**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RUSS386      Experiential Learning**

(Perm req)

Credits: 3-6      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**RUSS398R      Selected Topics in Russian Language and Literature; Russian Realism in Film and Fiction**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RUSS402      Practicum in Written Russian**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RUSS406      Russian-English Translation II**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**RUSS499      Independent Study in Russian**

(Perm req) Credits: 1-3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**RUSS798 Independent Study**  
Credits: 1-3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**RUSS799 Thesis Research**  
Credits: 1-6 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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## **SLAA Second Language Acquisition and Application** **Spring 2017**

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**SLAA410 Second Language Acquisition: Theory, Research, and Practice**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SLAA498 Second Language Research and Practicum**  
(Perm req) Credits: 1-3 Grading Method: Regular  
**Contact department for information to register for this course.**

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**SLAA620 Second Language Research Methodologies**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SLAA640 Psycholinguistics**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SLAA649R Special Topics in Second Language Acquisition; Research Critique**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**



Contact department for information to register for this course.

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**SLAA898**

**Pre-Candidacy Research**

Credits: 1-8                      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

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**SLAA899**

**Doctoral Dissertation Research**

(Perm req)

Credits: 6                      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

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**SLLC**

**School of Languages, Literatures  
and Cultures**

**Spring 2017**

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**SLLC109T**

**Beg Less Commonly Taught Language II; Turkish**

Credits: 4                      Grading Method: Regular

Contact department for information to register for this course.

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**SLLC109V**

**Beg Less Commonly Taught Language II; Vietnamese II**

Credits: 4                      Grading Method: Regular

Contact department for information to register for this course.

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**SLLC299P**

**Special Topics in World Cultures; Engaging "Glocal" Communities and Languages**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**SLLC309**

**Language Partner Program**

(Perm req)

Credits: 1                      Grading Method: Regular

Contact department for information to register for this course.

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**SLLC386**

**Experiential Learning**

Credits: 3                      Grading Method: Regular,  
Pass-Fail

Contact department for information to register for this course.

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**SLLC698F**

**Special Topics in Interdisciplinary Studies; Film Lab 2: African-American History from the UMD Collections and the Promise of Digital Humanities**



Credits: 1-3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SLLC789      Master's Independent Study**

Credits: 1-3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**SOCY      Sociology**

**Spring 2017**

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**SOCY100      Introduction to Sociology**

Credits: 3      Grading Method: Regular,      CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY105      Introduction to Contemporary Social Problems**

Credits: 3      Grading Method: Regular,      CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY105H      Introduction to Contemporary Social Problems**

Credits: 3      Grading Method: Regular,      CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY110      The Logic of Social Inquiry**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY200      Human Societies**

Credits: 4      Grading Method: Regular,      CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY201      Introductory Statistics for Sociology**

(Perm req)  
Credits: 4      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY202**      **Introduction to Research Methods in Sociology**  
Credits: 4      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY203**      **Sociological Theory**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY227**      **Introduction to the Study of Deviance**  
Credits: 3      Grading Method: Regular,      CORE: SB  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY230**      **Sociological Social Psychology**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY241**      **Inequality in American Society**  
Credits: 3      Grading Method: Regular,      CORE: SB, D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY298V**      **Selected Topics in Sociology; Homelessness**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY325**      **The Sociology of Gender**  
Credits: 3      Grading Method: Regular,      , D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY380**      **Honors Independent Reading in Sociology**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY381 Honors Independent Research in Sociology**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY383 Honors Thesis Research**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY386 Experiential Learning**  
(Perm req) Credits: 3-6 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**SOCY398A Special Topics in Sociology; Sociology of Health and Illness**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY398C Special Topics in Sociology; Transitions from an Undergraduate to Professional**  
Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY398G Special Topics in Sociology; Global Migration and the Israeli Case Study**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY398I Special Topics in Sociology; Israeli Society: History, Sociology, and Art**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY398L Special Topics in Sociology; Service Learning**  
(Perm req) Credits: 1 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**SOCY398P Special Topics in Sociology; Maryland Internship Program**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**SOCY399 Independent Study in Sociology**

(Perm req)

Credits: 1-6                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**SOCY405 Scarcity and Modern Society**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**SOCY410 Social Demography**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**SOCY411 Demographic Techniques**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**SOCY428 Research in Inequality**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**SOCY431 Principles of Organizations**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**SOCY441 Social Stratification and Inequality**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY498C                      Selected Topics in Sociology; Sociology of Culture**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY498E                      Selected Topics in Sociology; Researching in the Middle East**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY498M                      Selected Topics in Sociology; Qualitative Research Methods in Sociology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SOCY601                      Statistics For Sociological Research I**

(Perm req)  
Credits: 3                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SOCY616                      Sociology Pro-Seminar**

Credits: 1                      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**SOCY635                      Social Aspects of Fertility**

Credits: 3                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SOCY653                      Family Demography**

Credits: 3                      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SOCY660                      Theories of Social Psychology**

Credits: 3                      Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**SOCY699          Special Social Problems**  
Credits: 1-16                  Grading Method: Regular  
**Contact department for information to register for this course.**

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**SOCY699C        Special Social Problems; Introduction to Computing for Sociologists**  
Credits: 1                      Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**SOCY699E        Special Social Problems; Critical Race Initiative**  
(Perm req)  
Credits: 1                      Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**SOCY699G        Special Social Problems; Gender Stratification**  
Credits: 3                      Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**SOCY699K        Special Social Problems; States, Politics, and Social Change**  
Credits: 3                      Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**SOCY699M        Special Social Problems; Proseminar**  
Credits: 2                      Grading Method: Regular,  
                                        Audit  
**Contact department for information to register for this course.**

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**SOCY699T        Special Social Problems; Teaching Sociology**  
Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**SOCY699V        Special Social Problems; Contexting Sociology**  
Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**SOCY699Y Special Social Problems; Dissertation Proposal Writing**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SOCY799 Master's Thesis Research**  
(Perm req) Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**SOCY819 Research Seminar in Social Psychology**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SOCY829 Research Seminar in Sociological Theory**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SOCY849 Research Seminar in Demography**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SOCY858 Research Seminar in Gender, Work and Family**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SOCY869 Research Seminar in Military Sociology**  
Credits: 1 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SOCY889 Research Seminar in Social Stratification**  
Credits: 1 Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**SOCY898 Pre-Candidacy Research**

(Perm req)

Credits: 1-8      Grading Method: Regular

Contact department for information to register for this course.

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**SOCY899 Doctoral Dissertation Research**

(Perm req)

Credits: 6      Grading Method: Regular

Contact department for information to register for this course.

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**SPAN Spanish**

**Spring 2017**

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**SPAN103 Intensive Elementary Spanish**

Credits: 4      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**SPAN203 Intensive Intermediate Spanish**

Credits: 4      Grading Method: Regular,      CORE: HO  
Pass-Fail, Audit

Contact department for information to register for this course.

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**SPAN204 Spanish Grammar Review**

Credits: 3      Grading Method: Regular,      CORE: HO  
Pass-Fail, Audit

Contact department for information to register for this course.

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**SPAN206 Review of Oral and Written Spanish for Native Speakers Educated in the United States**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**SPAN207 Reading and Writing in Spanish**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**SPAN229R Selected Topics in Latin American Culture; Engaging "Glocal" Communities and Languages**



Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN235                      Issues in Latin American Studies II**  
Credits: 3                      Grading Method: Regular                      CORE: HO, D  
**Contact department for information to register for this course.**

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**SPAN301                      Advanced Grammar and Composition I**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN303                      Approaches to Cultural Materials in the Hispanic World**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN306                      Spanish II for Native Speakers**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN307                      Oral Communication Skills for Native Speakers of Spanish**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN311                      Advanced Conversation I**  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN316                      Practicum in Translation I**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN318                      Translation of Technical Texts**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN332                    Spanish Culture, Civilization and Literature II: Renaissance and Baroque**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN333                    Spanish Culture, Civilization and Literature III: Modern Times**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN362                    Latin American Literatures and Cultures II: From Independence to Nation Formation**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN363                    Latin American Literatures and Cultures III: From Modernism to Neo-Liberalism**

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN371                    Spanish for the Health Professions**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**SPAN386                    Experiential Learning**

(Perm req)  
Credits: 3-6                    Grading Method: Regular,  
   Pass-Fail  
**Contact department for information to register for this course.**

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**SPAN399                    Independent Study in Spanish**

(Perm req)  
Credits: 1-3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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<b>SPAN408O</b>	<b>Great Themes of the Hispanic Literatures; Guita/Lucas/Mangos: Reflections on Money, Markets and Value</b>
Credits: 3	Grading Method: Regular, Pass-Fail, Audit
<b>Contact department for information to register for this course.</b>	
<b>SPAN408Q</b>	<b>Great Themes of the Hispanic Literatures; Literature, Art, and Film for Millenials: The Digital Don Quixote</b>
Credits: 3	Grading Method: Regular, Pass-Fail, Audit
<b>Contact department for information to register for this course.</b>	
<b>SPAN408T</b>	<b>Great Themes of the Hispanic Literatures; Detective Fiction in Latin America</b>
Credits: 3	Grading Method: Regular, Pass-Fail, Audit
<b>Contact department for information to register for this course.</b>	
<b>SPAN415</b>	<b>Commercial Spanish II</b>
Credits: 3	Grading Method: Regular, Pass-Fail, Audit
<b>Contact department for information to register for this course.</b>	
<b>SPAN422</b>	<b>Cross-Cultural Communication</b>
Credits: 3	Grading Method: Regular, Pass-Fail, Audit
<b>Contact department for information to register for this course.</b>	
<b>SPAN478A</b>	<b>Special Topics in United States Latino Cultures; Spanish and Spanish-Speaking Communities in the US</b>
Credits: 3	Grading Method: Regular, Pass-Fail, Audit
<b>Contact department for information to register for this course.</b>	
<b>SPAN479</b> (Perm req)	<b>Honors Thesis</b>
Credits: 3-6	Grading Method: Regular, Pass-Fail, Audit
<b>Contact department for information to register for this course.</b>	
<b>SPAN495</b>	<b>Honors Reading</b>

Credits: 3                    Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**SPAN698O      Masterpieces of Hispanic Literatures; Guita/Lucas/Mangos: Reflections on Money, Markets and Value**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**SPAN699      Independent Study in Spanish**

Credits: 1-3                Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**SPAN798L      Open Seminar; Civil War, Exile, and Inner Spain, Memories**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**SPAN798M      Open Seminar; (Un)Doing Gender and Sexuality circa 1800: French, Germanic and Hispanic Discourses**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**SPAN798N      Open Seminar; Arlt, Borges, Cortazar and Beyond**

Credits: 3                    Grading Method: Regular,  
   Audit  
**Contact department for information to register for this course.**

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**SPAN799      Master's Thesis Research**

Credits: 1-6                Grading Method: Regular, Sat-  
   Fail  
**Contact department for information to register for this course.**

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**SPAN898      Pre-Candidacy Research**

Credits: 1-8                Grading Method: Regular, Sat-  
   Fail  
**Contact department for information to register for this course.**

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**SPAN899**      **Doctoral Dissertation Research**  
(Perm req)      Credits: 6      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**SPHL**      **Public Health**      **Spring 2017**

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**SPHL498G**      **Special Topics in Public Health; Public Health in the City: Global and Domestic Perspectives on the Urban Environment**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**STAT**      **Statistics and Probability**      **Spring 2017**

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**STAT100**      **Elementary Statistics and Probability**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: MS  
**Contact department for information to register for this course.**

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**STAT386**      **Experiential Learning**  
(Perm req)      Credits: 3-6      Grading Method: Regular, Pass-Fail  
**Contact department for information to register for this course.**

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**STAT400**      **Applied Probability and Statistics I**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**STAT401**      **Applied Probability and Statistics II**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**STAT410**      **Introduction to Probability Theory**  
Credits: 3      Grading Method: Regular, Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**STAT420**      **Introduction to Statistics**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**STAT430**      **Introduction to Statistical Computing with SAS**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**STAT440**      **Sampling Theory**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**STAT464**      **Introduction to Biostatistics**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**STAT470**      **Actuarial Mathematics**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**STAT498A**      **Selected Topics in Statistics**  
(Perm req)  
Credits: 1-6      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**STAT601**      **Probability Theory II**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**STAT650**      **Applied Stochastic Processes**  
Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**STAT689**

**Research Interactions in Statistics**

(Perm req)

Credits: 1-3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**STAT701**

**Mathematical Statistics II**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**STAT730**

**Time Series Analysis**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**STAT741**

**Linear Statistical Models II**

Credits: 3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**STAT799**

**Master's Thesis Research**

Credits: 1-6

Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**STAT808A**

**Selected Topics in Probability**

Credits: 1-3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**STAT818A**

**Selected Topics in Statistics**

Credits: 1-3

Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**STAT898**

**Pre-Candidacy Research**

Credits: 1-8

Grading Method: Regular, Sat-  
Fail

Contact department for information to register for this course.

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**STAT899**

**Doctoral Dissertation Research**

(Perm req)

Credits: 6                      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

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## **SURV      Survey Methodology**

**Spring 2017**

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**SURV400**

**Fundamentals of Survey and Data Science**

(Perm req)

Credits: 3                      Grading Method: Regular

Contact department for information to register for this course.

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**SURV410**

**Introduction to Probability Theory**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**SURV420**

**Introduction to Statistics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**SURV440**

**Sampling Theory**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Contact department for information to register for this course.

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**SURV616**

**Statistical Methods II**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**SURV625**

**Applied Sampling**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

Contact department for information to register for this course.

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**SURV630**

**Questionnaire Design and Evaluation**



Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**SURV640                      Survey Practicum I**  
(Perm req)                      Credits: 2                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**SURV656                      Web Survey Methodology**  
(Perm req)                      Credits: 1                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**SURV667                      Introduction to Record Linkage with Big Data Applications**  
(Perm req)                      Credits: 1                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**SURV699                      Special Topics in Survey Methodology; Readings in Survey Methodology**  
(Perm req)                      Credits: 1-4                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**SURV699I                      Special Topics in Survey Methodology; Bayesian Inference for Surveys**  
(Perm req)                      Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**SURV721                      Total Survey Quality II**  
(Perm req)                      Credits: 2                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**SURV735                      Data Confidentiality and Statistical Disclosure Control**  
(Perm req)                      Credits: 2                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**SURV742                      Inference from Complex Surveys**

(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SURV744 Topics in Survey Methodology**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SURV772 Survey Design Seminar**  
Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**SURV829 Doctoral Research Seminar in Survey Methodology**  
(Perm req) Credits: 3-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**SURV898 Pre-Candidacy Research**  
Credits: 1-8 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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**SURV899 Doctoral Dissertation Research**  
(Perm req) Credits: 6 Grading Method: Regular, Sat-  
Fail  
**Contact department for information to register for this course.**

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## **TDPS Theatre, Dance and Performance Studies** **Spring 2017**

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**TDPS201 Introduction to Technical Production**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**TDPS358B Special Topics in Intermediate Performing Arts; Arts, Leisure, and Entertainment: Urban Life in Modern Iran.**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**TDPS362 Alexander Technique**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**TDPS458N Special Topics in Advanced Performing Arts; Interdisciplinary Performance and Puppetry with Lone Wolf Tribe**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**TDPS458O Special Topics in Advanced Performing Arts; Voice, Text, and Dance Making**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**TDPS458Z Special Topics in Advanced Performing Arts; Aesthetics of Dance and Sports**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**TDPS469 Advanced Practicum in Stage Management**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**TDPS470 Production Management**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**TDPS479 Production Practicum**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**THET110**      **Introduction to the Theatre**  
Credits: 3      Grading Method: Regular,      CORE: HA  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET116**      **Fundamentals of Theatrical Design**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET222**      **Foundations of Acting and Performance**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET223**      **Text and Context in Western Theatre**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET2280**      **Special Topics in Introduction Theatre and Performance; Costume Crafts**  
(Perm req)  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET285**      **The Art of Communication and Presentation**  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET287**      **Subversive Cultures and Performance**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**THET291**      **American Theatre 1890-Present**  
Credits: 3      Grading Method: Regular,      CORE: HA  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET310**      **Voice for the Actor I**  
(Perm req)                  Credits: 3                  Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET325**      **Actor's Process I**  
(Perm req)                  Credits: 3                  Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET326**      **Viewpoints**  
(Perm req)                  Credits: 3                  Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET3280**      **Special Topics in Intermediate Theatre and Performance; Solo Performance**  
(Perm req)                  Credits: 3                  Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET360**      **Voice Archetypes**  
(Perm req)                  Credits: 3                  Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET377**      **Lighting Design I**  
(Perm req)                  Credits: 3                  Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET380**      **Sound Design**  
(Perm req)                  Credits: 3                  Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET383**      **Costume Design I**  
(Perm req)                  Credits: 3                  Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET384**      **Stage Costume Construction II**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET385**      **Media Design**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET386**      **Experiential Learning**  
(Perm req)      Credits: 3-6      Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**THET391**      **Theatre History II**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET399**      **Independent Study**  
(Perm req)      Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET408D**      **Seminar: Theory and Performance Studies; Dramaturgy**  
Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET424**      **Movement II: Advanced Studies in Movement and Mask Theatre**  
(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET428I**      **Special Topics in Advanced Theatre and Performance; Vital Voices: Oral Histories of the Immigrant Experiences**  
Credits: 3      Grading Method: Regular  
**Contact department for information to register for this course.**

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**THET429 Actor's Studio**  
(Perm req) Credits: 1-3 Grading Method: Regular,  
Pass-Fail  
**Contact department for information to register for this course.**

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**THET440 Advanced Playwriting**  
(Perm req) Credits: 3 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**THET451 Musical Theatre Workshop I**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET471 Design Studio in Scenery**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET474 Advanced Stage Management**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET475 History of Art, Architecture, and Decor for the Theatre**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET477 Design Studio in Lighting**  
(Perm req) Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**THET489P Special Topics in Theatre History from 1800 to Present; History of Shakespeare in Performance**  
Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**THET499 Independent Study**

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**THET639 Advanced Design Studio in Scenery**

Credits: 3                         Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**THET649 Advanced Design Studio in Costume**

(Perm req)

Credits: 3                         Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**THET659 Advanced Design Studio in Lighting**

(Perm req)

Credits: 3                         Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**THET669 Independent Study**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**THET669M Independent Study; Advanced Media II: Public Projections**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**THET670 Period Style for the Theatre: Fashion and Decor**

Credits: 3                         Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**THET672 Theory of Visual Design in Scenery**



Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**THET678**                      **Theory of Visual Design For the Performing Arts**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**THET679**                      **Advanced Design Studio in Multimedia and Projection Design**  
Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**THET698F**                      **Seminar: Theatre History; Extraordinary Bodies on Display: Theater, Freak Shows, and Ethnological Show Biz**  
(Perm req)  
Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**THET698G**                      **Seminar: Theatre History; History of Theatre to 1650**  
Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**THET698Y**                      **Seminar: Theatre History; Aesthetics of Dance and Sports**  
Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**THET713**                      **Performance Studies**  
Credits: 3                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**THET788**                      **Master's Tutorial**  
(Perm req)  
Credits: 1-6                      Grading Method: Regular,  
  Audit  
**Contact department for information to register for this course.**

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**TLPL306**      **Arts Integration in Elementary Classrooms**  
Credits: 3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**TLPL418**      **Teaching Residency**  
Credits: 9              Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**TLTC**      **Teaching and Learning Transformation Center**      **Spring 2017**

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**TLTC333**      **Fundamentals of Academic Peer Mentoring**  
(Perm req)      Credits: 1              Grading Method: Regular  
**Contact department for information to register for this course.**

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**TLTC399**      **Independent Study in Academic Peer Mentoring**  
(Perm req)      Credits: 1-3              Grading Method: Regular  
**Contact department for information to register for this course.**

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**TLTC708**      **Independent Study: Learning Analytics Research Group**  
(Perm req)      Credits: 1-3              Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**TLTC798**      **Special Topics Colloquium on University Teaching and Learning**  
(Perm req)      Credits: 1-2              Grading Method: Regular, Audit  
**Contact department for information to register for this course.**

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**UMEI**      **Maryland English Institute**      **Spring 2017**

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**UMEI001**      **English as a Foreign Language: Beginning**  
(Perm req)      Credits: 12              Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**UMEI002**      **English as a Foreign Language: Intermediate I**  
(Perm req)      Credits: 12              Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**UMEI003**      **English as a Foreign Language: Intermediate II**  
(Perm req)      Credits: 12      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**UMEI004**      **English as a Foreign Language: Intermediate III**  
(Perm req)      Credits: 12      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**UMEI005**      **Advanced English as a Foreign Language**  
Credits: 6      Grading Method: Sat-Fail,  
  Audit  
**Contact department for information to register for this course.**

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**UMEI006**      **English Pronunciation**  
Credits: 2      Grading Method: Sat-Fail,  
  Audit  
**Contact department for information to register for this course.**

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**UMEI007**      **Advanced Writing for International Students**  
Credits: 3      Grading Method: Sat-Fail,  
  Audit  
**Contact department for information to register for this course.**

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## **UNIV**      **University Courses**      **Spring 2017**

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**UNIV099**      **Internship Seminar**  
(Perm req)      Credits: 0      Grading Method: Sat-Fail  
**Contact department for information to register for this course.**

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**UNIV100**      **The Student in the University**  
Credits: 1      Grading Method: Regular,  
  Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**UNIV104**      **STEP: Reading and Writing at the College Level**  
(Perm req)      Credits: 1      Grading Method: Regular,  
  Pass-Fail

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**Contact department for information to register for this course.**

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**UNIV106      The Transfer Student in the University**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**UNIV107      Science Technology Engineering Mathematics Colloquium**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**UNIV108      Business Exploration Series Colloquium**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**UNIV190      National Scholarships for International Goals**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**UNIV325      Beyond the Classroom Seminar I: Civic Engagement and Social Change in a Global Context**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**UNIV326      Beyond the Classroom Seminar II**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**UNIV378      Beyond the Classroom Experiential Learning; Internship Experiences/Experiential Learning**

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**UNIV389A      Special Topics in Undergraduate Studies; Army ROTC Independent Study Projects**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**UNIV389J Special Topics in Undergraduate Studies; Federal Independent Study Projects**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**UNIV389K Special Topics in Undergraduate Studies; Special Topics in Experiential Learning Global Semester**

(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**UNIV389L Special Topics in Undergraduate Studies; BTC Seminar III, Civic Leadership for Community Engagement**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**UNIV399 Experiential Learning in Undergraduate Studies**

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**UNIV399P Experiential Learning in Undergraduate Studies; People Power -- Activism for Social Change**

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**URSP                      Urban Studies and Planning                      Spring 2017**

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**URSP399I Independent Study**

(Perm req)  
Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**URSP600 Research Design and Application**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**URSP601 Research Methods**

Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**URSP604                      The Planning Process**

Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**URSP606                      Planning Economics**

Credits: 3                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**URSP631                      Transportation and Land Use**  
(Perm req)

Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**URSP640                      Growth Management and Environmental Planning**

Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**URSP661                      City and Regional Economic Development Planning**

Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**URSP664                      Real Estate Development for Planners**

Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**URSP673                      Social Planning**

Credits: 3                      Grading Method: Regular,  
    Audit  
**Contact department for information to register for this course.**

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**URSP688M                      Recent Developments in Urban Studies; Intermediate Geographic Information Systems**

Credits: 3                 Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**URSP6880      Recent Developments in Urban Studies; US Housing Policy & Planning**  
Credits: 3                 Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**URSP688Y      Recent Developments in Urban Studies; Smart Cities and Urban Data Science**  
Credits: 3                 Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**URSP709       Field Instruction**  
Credits: 3                 Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**URSP788       Independent Study in Urban Studies and Planning**  
(Perm req)                Credits: 1-3                 Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**URSP798       Readings in Urban Studies and Planning**  
(Perm req)                Credits: 1-3                 Grading Method: Regular,  
                                  Audit  
**Contact department for information to register for this course.**

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**URSP799       Master's Thesis Research**  
Credits: 1-6               Grading Method: Regular  
**Contact department for information to register for this course.**

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**URSP805       Seminar in Research Design**  
Credits: 3                 Grading Method: Regular  
**Contact department for information to register for this course.**

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**URSP898       Pre-Candidacy Research**  
Credits: 1-8               Grading Method: Sat-Fail



Contact department for information to register for this course.

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**URSP899**

**Doctoral Dissertation Research**

(Perm req)

Credits: 6

Grading Method: Sat-Fail

Contact department for information to register for this course.

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**USLT**

**Latina/o Studies**

**Spring 2017**

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**USLT202**

**US Latina/o Studies II: A Contemporary Overview 1960's to present**

Credits: 3

Grading Method: Regular,

CORE: SB, D

Pass-Fail, Audit

Contact department for information to register for this course.

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**USLT219A**

**Special Topics in Latina/o Studies; Introduction to Immigration and Migration Studies**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

Contact department for information to register for this course.

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**USLT488B**

**US Latina/o Senior Seminar**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

Contact department for information to register for this course.

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**USLT498B**

**US Latina/o Studies: Special Topics; Latinas/os and U.S. Popular Culture**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

Contact department for information to register for this course.

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**USLT498C**

**US Latina/o Studies: Special Topics; Race and Nation in U.S. Cinema**

Credits: 3

Grading Method: Regular,

Pass-Fail, Audit

Contact department for information to register for this course.

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**VMSC**

**Veterinary Medical Sciences**

**Spring 2017**

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**VMSC688A**

**Special Topics in Veterinary Medical Sciences; Advances in Reverse Genetics of Animal Viruses**

Credits: 1-4

Grading Method: Regular

Contact department for information to register for this course.

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**VMSC698 Seminar in Veterinary Medical Science**  
Credits: 1 Grading Method: Regular  
**Contact department for information to register for this course.**

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**VMSC699 Special Problems in Veterinary Medical Sciences**  
Credits: 1-4 Grading Method: Regular  
**Contact department for information to register for this course.**

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**VMSC720 Viral Pathogenesis**  
(Perm req) Credits: 2 Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**VMSC780 Parasites of Medical and Veterinary Importance**  
(Perm req) Credits: 2 Grading Method: Regular  
**Contact department for information to register for this course.**

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**VMSC799 Thesis Research**  
Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**VMSC898 Pre-Candidacy Research**  
Credits: 1-8 Grading Method: Regular  
**Contact department for information to register for this course.**

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**VMSC899 Dissertation Research**  
(Perm req) Credits: 1-6 Grading Method: Regular  
**Contact department for information to register for this course.**

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**WMST Women's Studies Spring 2017**

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**WMST200 Introduction to Women's Studies: Women and Society**  
Credits: 3 Grading Method: Regular, CORE: SB, D  
Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST211 Women in America Since 1880**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: SH, D  
**Contact department for information to register for this course.**

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**WMST250                      Introduction to Women's Studies: Women, Art and Culture**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HA, D  
**Contact department for information to register for this course.**

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**WMST255                      Reading Women Writing**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HL, D  
**Contact department for information to register for this course.**

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**WMST265                      Constructions of Manhood and Womanhood in the Black Community**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HO, D  
**Contact department for information to register for this course.**

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**WMST275                      World Literature by Women**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit                      CORE: HL, D  
**Contact department for information to register for this course.**

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**WMST298F                      Special Topics in Women's Studies; Gender and Financial Well-being**

Credits: 1                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST298J                      Special Topics in Women's Studies; Gender & Body in Iran**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST298N                      Special Topics in Women's Studies; Racialized Gender and Rebel Media**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST325**      **The Sociology of Gender**  
Credits: 3      Grading Method: Regular,      , D  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST336**      **Psychology of Women**  
Credits: 3      Grading Method: Regular,      , D  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST348B**      **Literary Works by Women; American Autobiographics**  
Credits: 3      Grading Method: Regular,      , D  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST350**      **Feminist Pedagogy**  
(Perm req)  
Credits: 6      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST379C**      **Topics in Women's Studies; Politics of Transnational Adoption: Intersectional Analysis of Class, Race, Gender, and Nationality**  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST386**      **Experiential Learning**  
(Perm req)  
Credits: 1-6      Grading Method: Regular,  
                         Pass-Fail  
**Contact department for information to register for this course.**

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**WMST400**      **Theories of Feminism**  
Credits: 3      Grading Method: Regular,  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST452**      **Women in the Media**  
Credits: 3      Grading Method: Regular,      , D  
                         Pass-Fail, Audit  
**Contact department for information to register for this course.**

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**WMST488K Senior Seminar; Questioning the Human to Make Space for Change**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**WMST491 Judaism and the Construction of Gender**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**WMST498D Advanced Special Topics in Women's Studies; Sex, Gender, and Sexuality in the Islamic World**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**WMST498E Advanced Special Topics in Women's Studies; Social Justice and Public Art: Policing Gender, Race, and Citizenship**

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**WMST498V Advanced Special Topics in Women's Studies; Women and Memory in Material and Digital Worlds**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**WMST498Z Advanced Special Topics in Women's Studies; Black Women's Arts and Culture**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**WMST499 Independent Study**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail

**Contact department for information to register for this course.**

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**WMST602 Approaches to Women's Studies II**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**WMST618 Feminist Pedagogy**

(Perm req)

Credits: 3                      Grading Method: Regular

**Contact department for information to register for this course.**

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**WMST619 Women's Studies Teaching Practicum**

(Perm req)

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**WMST621 Feminist Theories and Women's Movements: Genealogies**

(Perm req)

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**WMST628 Women's Studies Colloquium**

(Perm req)

Credits: 1                      Grading Method: Sat-Fail

**Contact department for information to register for this course.**

---

**WMST698D Special Topics in Women's Studies; Sex, Gender, and Sexuality in the Islamic World**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**WMST699 Independent Study**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**WMST708 Research Seminar in Women's Studies**

Credits: 3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**WMST709 Directed Independent Reading for Major Field Exam**

(Perm req)

Credits: 1-4                      Grading Method: Sat-Fail

**Contact department for information to register for this course.**

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**WMST799 Masters Thesis Research**

(Perm req)

Credits: 1-6      Grading Method: Regular

**Contact department for information to register for this course.**

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**WMST898 Pre-Candidacy Research**

(Perm req)

Credits: 1-8      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**WMST899 Doctoral Dissertation Research**

(Perm req)

Credits: 6      Grading Method: Regular

**Contact department for information to register for this course.**

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