

**829 Capstone Seminar in Health and Humanities**  
 Spring. 2(2-0) R: Approval of college.  
 Peer review of master's theses completed or near completion. Recent works in interdisciplinary approaches to health and humanities.

**830 Introduction to African American and African Studies I**  
 Fall. 3(3-0) RB: Courses in African American or African Studies. R: Open to students in African American and African Studies.  
 Varied approaches to the study of African peoples and the origins and evolution of the Black experience in the United States. Critical examination of the social, economic, and cultural conditions of blacks in the United States.

**831 Introduction to African American and African Studies II**  
 Spring. 3(3-0) RB: Courses in African American or African Studies. R: Open to students in African American and African Studies.  
 Comparative examination of the global black experience. Exploration of the intersecting experiences of blacks, Latinos, Asian and Pacific Islanders, and American Indians in the United States.

**832 Supervision Seminar in African American and African Studies**  
 Spring. 3(3-0) R: Open only to Ph.D. students in African American and African Studies.  
 Supervision and mentoring for doctoral students in African American and African Studies who are working with undergraduate students in AL 495.

**840 Writing in the Sciences**  
 Fall, Spring, Summer. 2(2-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Natural Science. Administered by Natural Science.  
 Discussion and critique of students' writing in peer response workshop groups

**881 Special Topics in Teaching with Technology in Arts and Humanities**  
 Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. RB: Familiarity with Macintosh or Windows platform.  
 Teaching with technology in the arts and humanities. Implications of technology for learning strategies and course design, disciplinary and cross-disciplinary applications of technology, testing on the Web, implications of broader access to knowledge for student research and writing, and distance learning.

**890 Independent Study**  
 Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of college.  
 Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.

**893 Museum Internship**  
 Fall, Spring, Summer. 2 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with History of Art. Administered by Department of Art and Art History. R: Open only to juniors or seniors or graduate students.  
 Activities, functions and organization of a museum.

**893A Internship in African American and African Studies**  
 Fall, Spring, Summer. 1 to 2 credits. RB: Courses in African American or African Studies. R: Open to students in African American and African Studies.  
 Field work in an organization or institution in the Black Diaspora. Direct and practical involvement in the community.

**898 Master's Research**  
 Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course.  
 Directed research in support of Plan B Master's program requirements

**899 Master's Thesis Research-Plan A**  
 Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 15 credits in all enrollments for this course.  
 Directed research leading to a master's thesis, used in partial fulfillment of plan A master's degree requirements.

**999 Doctoral Dissertation Research**  
 Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 50 credits in all enrollments for this course.  
 Doctoral dissertation research.

**ASIAN LANGUAGES ASN**

**Department of Linguistics and Germanic, Slavic, Asian and African Languages  
 College of Arts and Letters**

**290 Independent Study**  
 Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Approval of department.  
 Special projects in an Asian Languages arranged by an individual student and a faculty member in areas supplementing regular course offerings.

**291 Special Topics in Asian Languages**  
 Fall. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. Not open to students with credit in ASN 491.  
 Special topics supplementing regular course offerings proposed by faculty on a group study basis.

**401 East Asian Cultures (W)**  
 Fall. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P:M: (IAH 211B) and completion of Tier I writing requirement. SA: AL 401  
 Selected topics in the history and culture of China, Japan, and Korea. Topics vary.

**464 Studies in the Literature of Asia and the Asian Diaspora (W)**  
 Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. Interdepartmental with English. P:M: Completion of Tier I writing requirement.  
 Selected writers, genres, themes, or regions in Asian and Asian diasporic literature.

**490 Independent Study**  
 Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to juniors or seniors. Approval of department.  
 Special projects in Asian Languages arranged by an individual student and a faculty member in areas supplementing regular course offerings.

**491 Special Topics in Asian Languages**  
 Fall, Spring. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to juniors or seniors. Approval of department.  
 Special topics supplementing regular course offerings proposed by faculty on a group study basis.

**ASTRONOMY AND ASTROPHYSICS AST**

**Department of Physics and Astronomy  
 College of Natural Science**

**101 The Celestial Clockworks**  
 Spring. 1(1-0)  
 Relationship between ancient skylore and timekeeping. Establishment of a calendar and celestial navigation. Development of the Greek horoscope as a time recorder and coordinate system.

**207 The Science of Astronomy**  
 Fall. 3(3-0) P:M: (PHY 231 or concurrently or PHY 231B or concurrently or ISP 205 or concurrently or PHY 181B or concurrently or PHY 183 or concurrently or PHY 183B or concurrently or LBS 271 or concurrently or PHY 231C or concurrently) and (MTH 116 or concurrently or MTH 114 or concurrently or LBS 117 or concurrently) Not open to students with credit in AST 201.  
 In-depth study of one topic in astronomy with emphasis on key discoveries. Topics may be cosmology, the solar system, and the life of stars. Observing with portable telescopes.

**301 Junior Research Seminar**  
 Fall, Spring. 1(1-0) P:M: Completion of Tier I writing requirement.  
 Preparation and presentation of a review paper on a current topic in astronomy or astrophysics.

**303 Planetary System Astronomy**  
 Fall of even years. 3(3-0) P:M: (PHY 183 or PHY 193H or PHY 183B) and (MTH 132 or MTH 152H or LBS 118) SA: AST 201  
 Origin and nature of the solar system. Planets of the solar system and other star systems. Asteroids, meteorites, and comets. Determination of time and celestial coordinates.