891  Special Topics in Rhetoric
Spring of even years. 3(3-0) R: Open only to Ph.D. students in Rhetoric and Writing and masters students in Digital Rhetoric and Professional Writing. Modern, postmodern, and contemporary rhetoric theories and their impact on writing and writing instruction. Cultural studies, critical theory, feminist discourse theory, rhetorical ethics, visual rhetoric, digital and media theory.

885 Research Colloquium
Fall, Spring. 2(2-0) A student may earn a maximum of 24 credits in all enrollments for this course. R: Open only to Ph.D. students in Rhetoric and Writing and masters students in Digital Rhetoric and Professional Writing. Professional development seminar focused on developing research skills, designing research projects, and preparing publications and conference presentations.

890 Independent Study
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 24 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.

891 Special Topics in Arts and Humanities
Fall, Spring. 3(3-0) A student may earn a maximum of 24 credits in all enrollments for this course. R: Approval of college. Special topics supplementing regular course offerings, proposed by faculty on a group study basis.

892 Seminar
Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. R: Open only to graduate students in Arts and Letters. Directed original research and its presentation. Current topics in Arts and Letters.

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 I
Fall, Spring, Summer. 1 to 2 credits. RB: Courses in African American and African Studies. R: Open to students in African American and African Studies. Supervised field work in an African American organization or institution. Direct and practical involvement in the community.

893B Internship in Professional Writing
Spring. 3 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Permission of instructor required. Internship in a corporate, organizational, or publishing setting. Classroom discussion of workplace issues and documents.

893C Internship in African American and African Studies II
Fall, Spring, Summer. 1 to 2 credits. RB: Courses in African American and African Studies R: Open to students in African American and African Studies. Supervised field work in a Black organization or institution outside of the United States. Direct and practical involvement in a community outside of the United States.

893D Internship in Literacy and Pedagogy
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in the Critical Studies in Literacy and Pedagogy major. Approval of college. Supervised graduate practicums, observations, or internships in secondary or college writing and literacy classrooms.

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
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.

900 Studies in Rhetoric
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to doctoral students in the College of Arts and Letters. Theories of rhetoric in historical and cultural context. Seminar topics variable by term.

901 Seminar in Language Literacy and Pedagogy
Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to doctoral students in the College of Arts and Letters or College of Education or approval of college. SA: ENG 980 Teaching English literature, language, and composition.

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.

AST—Astronomy and Astrophysics

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 Asian Languages arranged by an individual student and a faculty member in areas supplementing regular course offerings.

291 Special Topics in Asian Languages
Fall, Spring, Summer. 1 to 6 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: (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: 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 junior 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, 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 topics supplementing regular course offerings proposed by faculty on a group study basis.

ASTRONOMY AND ASTROPHYSICS

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.