

490 Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Not open to freshmen or sophomores. Approval of department.

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

491 Special Topics in Arabic Studies
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department.

Special topics supplementing regular course offerings proposed by faculty on a group study basis.

ARTS AND LETTERS AL

College of Arts and Letters

191 ROIAL Freshman Seminar
Fall. 2(2-0) R: Open only to ROIAL students. Academic life as a Residential Option in Arts and Letters (ROIAL) student. The nature and roles of the arts and humanities in individual and community lives. Special topics and activities focused on the arts and humanities and designed to build community.

192 Arts and Humanities First-Year Seminar
Fall, Spring. 4(4-0) P: (ATL 1004) or designated score on English placement test. SA: AL 192H Not open to students with credit in AL 192H or ATL 110 or ATL 115 or ATL 120 or ATL 125 or ATL 130 or ATL 135 or ATL 140 or ATL 145 or ATL 150 or ATL 195H or LBS 133 or MC 111 or MC 112.

Theme based exploration of connections across arts and humanities disciplines. Development of skills necessary for successful study of arts and humanities. Significant writing component including drafting, revising, and editing compositions to develop skills in narration, persuasion, analysis, and documentation. Fulfills Tier I writing requirement.

192H Arts and Humanities First-Year Seminar
Fall, Spring. 4(4-0) RB: Designated score on English placement test. R: Open only to freshman Honors College students or approval of college.

Not open to students with credit in AL 192 or ATL 110 or ATL 120 or ATL 125 or ATL 130 or ATL 135 or ATL 140 or ATL 145 or ATL 150 or ATL 195H or LBS 133 or MC 111 or MC 112 or ATL 115.

Theme based exploration of connections across arts and humanities disciplines. Development of skills necessary for successful study of arts and humanities. Significant writing component including drafting, revising, and editing compositions to develop skills in narration, persuasion, analysis, and documentation. Fulfills Tier I writing requirement.

200 Cultural Difference and Study Abroad
Fall, Spring. 3(3-0)

Tools for understanding and interacting with individuals from different cultural backgrounds. Awareness of and sensitivity to cultural difference and the role of language study in understanding cultural difference. Preparation for continued study of and exposure to different cultures and languages through study abroad.

201 Writing Tutorial
Fall, Spring. 2(1-2) RB: Grade of 1.0 or 1.5 in Tier I writing course. C: IAH 201 concurrently, IAH 202 concurrently, IAH 203 concurrently, IAH 204 concurrently, IAH 206 concurrently, IAH 207 concurrently, IAH 208 concurrently.

Development of writing skills involved in learning and in thinking about and critically reading complex texts.

250 Career Strategies for Arts and Letters Students
Fall. 1(2-0) RB: Declared major preference in the College of Arts and Letters. R: Open only to undergraduates in the College of Arts and Letters.

Identify, explore, and prepare for suitable career options. Topics include self-assessment, career development strategies, and job search skills.

291 ROIAL Sophomore Seminar
Fall. 2(2-0) P: (AL 191) R: Open only to ROIAL students. Not open to freshmen.

Continuation of the Freshman Seminar (AL 191). The role of art in different cultures. What "humanities" means in different cultures and communities and the ways in which the arts and humanities contribute to making us all part of a global community. Expansion from the role of arts and humanities in local communities to comparative study of "arts" and "humanities" across cultures.

292 Introduction to Ancient Studies
Fall. 2(1-2) Interdepartmental with Classical Studies; History of Art; History.

Methods and current trends in the study of the Greek and Roman world. Visits to library and museum collections.

390H Interdisciplinary Perspectives in the Arts and Humanities
Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to Honors College students and to other students with approval of College of Arts and Letters.

In-depth selected topics in the arts and humanities drawing on materials and methods of several disciplines.

400 Study Abroad in Arts and Letters
Fall, Spring, Summer. 2 to 8 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Not open to freshmen. Approval of college.

Supervised study of selected topics in the arts, languages, history, philosophy, and religious studies, in relation to particular cultural sites, museums and institutions.

485 Museum Studies
Fall. 3(3-0) Interdepartmental with History of Art. Administered by Department of Art and Art History. R: Not open to freshmen or sophomores. Not open to students with credit in AL 485.

Activities, functions and organization of museums; the changing role of museums as cultural institutions.

487 Approaches to Museum Education
Spring, Summer. 3(3-0) Interdepartmental with History of Art. Administered by Department of Art and Art History. R: Open only to juniors or seniors or graduate students. Not open to students with credit in AL 487.

Theoretical and practical approaches to the design and development of interpretive materials and programs within museums. Design and development of research and projects.

488 Museum Curatorial Practices
Fall, Summer. 3(3-0) Interdepartmental with History of Art. Administered by Department of Art and Art History. RB: (HA 485) R: Open only to juniors or seniors or graduate students.

Methods and practices for the development, care, and use of museum collections in research, education, and exhibition activities.

490 Independent Study
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 8 credits in all enrollments for this course. P: Completion of Tier I writing requirement. R: Approval of college.

Special project, directed reading and research arranged by an undergraduate student and a faculty member in areas supplementing regular course offerings.

491 Special Topics
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 topics supplementing regular course offerings proposed by faculty on group study basis.

492 Special Topics in Museum Studies
Fall, Spring, Summer. 1 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.

Special topics supplementing regular course offerings.

493A Arts and Letters Internship
Fall, Spring, Summer. 2 to 8 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Not open to freshmen and sophomores. A student may earn a maximum of 8 credits in AL 493A and AL 493B combined. Completion of Tier I writing requirement, 12 credits in the major. Approval of college.

Supervised preprofessional field experience in the arts and humanities.

493C 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: Not open to freshmen or sophomores. Approval of college.

Activities, functions and organization of a museum.

Arts and Letters—AL

- 494 Museum Exhibitions: Theory and Development**
Spring. 3(2-2) Interdepartmental with History of Art. Administered by Department of Art and Art History. R: Open only to juniors or seniors or graduate students. Not open to students with credit in AL 486.
Theoretical and practical approaches to the planning, design, development, installations, and evaluation of museum exhibitions. Field trip required.
- 495 Research-Mentoring in Black American and Diasporic Studies**
Fall, Spring. 3(3-0) RB: Courses in African American Literature, African American History, African American Language Use, other courses in the Black American and Diasporic Studies Program. R: Open only to students in the Specialization in Black American and Diasporic Studies.
Focus on readings and research in the human arts and sciences. Each student works with a black American and diasporic studies faculty mentor in the student's area of study. Training in knowledge creation, production and dissemination.
- 805 Rhetoric Theory and History**
Fall. 3(3-0) R: Open only to graduate students in the College of Arts and Letters, the College of Communication Arts and Sciences or approval of college.
Historical perspective on major theories, issues, and topics in rhetoric and writing from classical times to the present.
- 821 Proseminar in Comparative Literature**
Fall. 3(3-0) Interdepartmental with English; Linguistics and Languages; Romance Languages. R: Open only to graduate students in the College of Arts and Letters.
History and practice of comparative literature including foundational concepts and current directions.
- 822 Methods of Comparative Literature**
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English; Linguistics and Languages; Romance Languages. R: Open only to graduate students in the College of Arts and Letters.
Case studies in international literary tradition, reception, and transmission. Approaches to genre and period. History and aesthetics of reception.
- 823 Seminar in Comparative Literary Criticism**
Fall. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English; Linguistics and Languages; Romance Languages. R: Open only to graduate students in the College of Arts and Letters.
Theory and practice of comparative literary criticism, with attention to the development of critical approaches and to current topics in the critical literature.
- 825 Comparative Critical Theory**
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English; Linguistics and Languages; Romance Languages. R: Open only to graduate students in the College of Arts and Letters.
Critical theory of comparative literature, including comparative studies in rhetorical theory and discourse analysis.
- 830 Introduction to African American and African Studies I**
Fall. 3(3-0) RB: Courses in African American or 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.
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)
Supervision and mentoring for doctoral students in African American and African Studies who are working with undergraduate students in the Research-Mentoring course.
- 833 Composition Pedagogies**
Fall. 3(3-0) R: Open only to graduate students in the College of Arts and Letters.
Theories and practices of teaching college-level composition.
- 834 The African Atlantic: Women and Religion**
Fall of odd years. 3(3-0) RB: Some advanced undergraduate course work in religious studies or African American Studies.
Foundational and recent research literature on issues of women, religion, and The African Atlantic Diaspora.
- 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 College of Natural Science.
Discussion and critique of students' writing in peer response workshop groups
- 841 Professional Writing Theory and Research**
Spring of odd years. 3(3-0) R: Open only to Ph.D. students in Rhetoric and Writing and masters students in Digital Rhetoric and Professional Writing.
Theory and research informing technical and professional writing practices. Workplace studies, usability research, information design theory, rhetoric of science and technology, research on computer-mediated writing.
- 842 Writing Workshop for Teachers**
Fall. 3(3-0) R: Open only to graduate students in the College of Arts and Letters or College of Education or approval of college. SA: ENG 840
Examination of techniques for teaching. Directed practice in writing.
- 848 American Cultural Rhetorics: Theory and Methodology**
Spring. 3(3-0) R: Open only to graduate students in the College of Arts and Letters, the College of Communication Arts and Sciences or approval of college.
Current methodological issues in rhetorical approaches to American cultural rhetorics.
- 852 Portfolio Workshop**
Spring of odd years. 3(3-0) R: Open only to Ph.D. students in Rhetoric and Writing and masters students in Digital Rhetoric and Professional Writing.
Preparation of professional document portfolios in print and digital formats, including application materials for academic positions and careers as professional and technical writers.
- 862 Approaches to Teaching Texts**
Spring. 3(3-0) R: Open only to graduate students in the College of Arts and Letters or College of Education or approval of college. SA: ENG 862
Critical approaches to understanding and teaching texts.
- 872 Methods of Research into Language Learning and Literacy**
Spring. 3(3-0) R: Open only to graduate students in College of Arts and Letters or College of Education or approval of college. SA: ENG 872
Concepts and procedures for designing, evaluating, and conducting applied research in English education.
- 875 Theories of Reading and Critical Literacies**
Spring. 3(3-0) R: Open only to graduate students in the College of Arts and Letters or College of Education or approval of college. SA: ENG 875
Integration of the teaching of reading and writing. Application of research to the teaching of reading.
- 877 Community Literacy**
Fall. 3(3-0) R: Open only to Ph.D. students in Rhetoric and Writing and masters students in Digital Rhetoric and Professional Writing and graduate students in the Department of English.
Applied research in a community organization, non-profit agency, workplace, or school. Theories and designs of service learning pedagogies.
- 878 Composition Studies: Issues, Theory, and Research**
Spring. 3(3-0) R: Open only to graduate students in the College of Arts and Letters, the College of Education or approval of college. SA: ENG 876
Issues, research, and theories shaping current work in composition studies. Intersections with studies in literacy, discourse, and critical theory.
- 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.

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: (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 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.

882 Contemporary Theories of 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 and graduate students in the Department of English.

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.

980 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, the College of Education or approval of college. SA: ENG 980

Theories of rhetoric in historical and cultural context. Seminar topics variable by term.

992 Seminar in Language Literacy and Pedagogy
Fall. 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 992A

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.