Arabic

490*. Independent Study
Fall, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits.
R: Approval of the 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, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits.
R: Approval of the Department
Special topics, supplementing regular course offerings, proposed by faculty on a group study basis.

Arts and Letters

AL 821, 822; or approval of college

450*. Arts Management
Fall, Spring. 3(3-0)
May reenroll for a maximum of 6 credits.
R: Juniors and above
Arts organization administration and facilities management. Operational methods and procedures of performing companies. Funding and financial structure. Audience development and marketing.
QA: AL 820

464*. Studies in Literature of Asia and the Asian Diaspora
Fall, Spring. 3(3-0)
May reenroll for a maximum of 9 credits.
R: Sophomores and above
Special topics in Asian and Asian diasporic literature.
QA: CHS 820

493A*. Arts and Letters Internship
Fall, Spring, Summer. 2 to 8 credits. May reenroll for a maximum of 8 credits.
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 1 writing requirement, 12 credits in the major, Approval of course.
Supervised professional field experience in the arts and humanities.
QA: AL 820

493B*. Arts and Letters Publications Internship
Fall, Spring, Summer. 2 to 4 credits.
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 1 writing requirement. Approval of course.
Introduction to all aspects of preparing College of Arts and Letters publications. Newsletters, brochures, and special events flyers.

520*. Humanistic Perspectives on Health
Fall. 3(3-0)
R: Approval of Director of IPHI
Multidisciplinary perspectives on health care and medicine, emphasizing linkages among the humanistic and scientific disciplines.
QA: AL 820

521*. Proseminar in Comparative Literature
Fall, Spring. 3(3-0)
R: Interdepartmental with the Department(s) of English, Romance Languages Courses, Linguistics.
R: seniors and above Arts and Letters
Advanced reading knowledge of languages. History and practice of comparative literature including foundational concepts and current directions in the field.
QA: AL 820

522*. Methods of Comparative Literature
Spring. 3(3-0)
May reenroll for a maximum of 6 credits.
R: Interdepartmental with the Department(s) of English, Romance Languages Courses, Linguistics.
P: AL 821; approval of college
R: seniors and above Arts and Letters
Advanced reading knowledge of languages. Case studies in international literary tradition, reception, and transmission, including approaches to genre and period, and to the history and aesthetics of reception.
QA: AL 822

823*. Seminar in Comparative Literary Criticism
Fall. 3(3-0)
May reenroll for a maximum of 6 credits.
R: Interdepartmental with the Department(s) of English, Romance Languages Courses, Linguistics.
P: AL 821, 822; or approval of college
R: seniors or above Arts and Letters
Advanced reading knowledge of languages. Theory and practice of comparative literary criticism, with attention to the development of critical approaches and to current topics in the critical literature.
QA: AL 823

824*. Comparative Critical Theory
Spring. 3(3-0)
May reenroll for a maximum of 6 credits.
R: Interdepartmental with the Department(s) of English, Romance Languages Courses, Linguistics.
P: AL 821, 822; or approval of college
R: seniors or above Arts and Letters
Advanced reading knowledge of languages. Critical theory of comparative literature, including comparative studies in rhetorical theory and discourse analysis.
QA: AL 824, AL 825

Astronomy and Astrophysics

AST 101*. Astrophysics and Astronomy I
Fall, Spring. 4(3-2)
P: PHY 201 or PHY 202 or PHY 213
R: Not open to freshmen.
Overview of the universe: the celestial sphere, orbits, spectra, the solar system, stars, and stellar evolution.
QA: PHY 207 PHY 208 HMTH 113

202*. Astrophysics and Astronomy II
Spring. 4(3-2)
P: PHY 201 or PHY 202 or PHY 213
R: Not open to freshmen.
Intersstellar medium, the milky way, galaxies, and the large-scale structure of the universe. Coordinate systems, instruments, and data analysis.
QA: AST 219

291* Senior Research Seminar
Spring, Fall. 1(1-0)
R: Approval of the Department
Preparation and presentation of a review paper on a current topic in astronomy or astrophysics.
QA: AST 220

301*. Directed Studies
Fall, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 6 credits.
P: AST 202
R: Approval of department
Individual study or project in astronomy or astrophysics under the direction of a faculty member.
QA: AST 230

401*. Stars
Fall, Spring. 1(1-0)
P: AST 202, PHY 410, PHY 420
R: Seniors or above Arts and Letters
Physical processes that determine the structure and evolution of stars. Results of stellar evolution theory. Stellar atmospheres. Observations of stars.
QA: AST 327 PHY 396

Courses with an asterisk (*) have not been approved by the University Committee on Curriculum