

## ARABIC

- 290\*** **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.

- 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

- 192H\*** **Arts and Humanities Freshmen Seminar**

Fall, Spring. 4(4-0)

R: Open only to freshmen Honors College students in the College of Arts and Letters. Designated score on English placement test.

Critical reading, writing and understanding of modes of discourse. Interdisciplinary topics vary by instructor. Fulfills Tier I writing requirement.  
QP: ATL 121 ATL 122 QA: AL 150

- 250\*** **Hanzi writing system and calligraphy**  
Spring. 3(3-0)

P: CHS 102 or permission of department.

Structure and history of Chinese characters and use of Chinese dictionary.  
QP: CHS 103 QA: CHS 250

- 380\*** **Methods of Teaching Foreign Languages**

Spring of odd-numbered years. 3(3-0)

P: GRM 202

Methods of teaching foreign languages for teacher education candidates; theories of language acquisition and practical application of teaching strategies.  
QP: GRM 203 QA: TE 340

- 390H\*** **Interdisciplinary Perspectives in the Arts and Humanities**

Fall, Spring. 3(3-0) May reenroll for a maximum of 6 credits.

Interdepartmental with the Department(s) of English, Philosophy, History, Romance Language Courses, Music.

R: Honors College Honors College members; approval of Honors College

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

- 400\*** **Overseas Study in Arts and Letters**  
Fall, Spring, Summer. 2 to 8 credits.  
May reenroll for a maximum of 8 credits.

P: CIS/AH 240 (East Asia) or permission

of department R: Not open to freshmen and sophomores. 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.

- 450\*** **Arts Management**  
Fall of even-numbered years. 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: AL450

- 464\*** **Studies in Literature of Asia and the Asian Diaspora**

Spring. 3(3-0) May reenroll for a maximum of 9 credits.

Interdepartmental with the Department(s) of Linguistics and Oriental and African Language Courses, English.

R: Sophomores and above

Selected writers, genres, themes or regions in Asian and Asian diasporic literature.  
QA: CHS 420

- 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 I writing requirement, 12 credits in the major. Approval of college.

Supervised preprofessional field experience in the arts and humanities.  
QA: AL499

- 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 I writing requirement. Approval of college.  
Introduction to all aspects of preparing College of Arts and Letters publications. Newsletters, brochures, and special events flyers.

- 820\*** **Humanistic Perspectives on Health**  
Fall. 3(3-0)

R: Approval of Director of IPHH

Multidisciplinary perspectives on health care and medicine, emphasizing linkages among the humanistic and scientific disciplines.  
QA: AL 820

- 821\*** **Proseminar in Comparative Literature**

Fall. 3(3-0) Interdepartmental with the Department(s) of English, Romance Language 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

- 822\*** **Methods of Comparative Literature**

Spring. 3(3-0) May reenroll for a maximum of 6 credits.

Interdepartmental with the Department(s) of English, Romance Language Courses, Linguistics.

P: AL 821; or 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.

Interdepartmental with the Department(s) of English, Romance Language Courses, Linguistics.

P: AL 821, AL 822; or approval of college

R: seniors or above Arts and Letters 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.

Interdepartmental with the Department(s) of English, Romance Language Courses, Linguistics.

P: AL 821, 822; or approval of college R:

seniors or above Arts and Letters reading knowledge of languages

Critical theory of comparative literature, including comparative studies in rhetorical theory and discourse analysis.

QA: AL 824 AL 825

- 829\*** **Capstone Seminar in Health and Humanities**

Spring. 1(1-0)

R: Approval of Director of IPHH

Peer review of master's theses completed or near completion. Discussion of recent works in interdisciplinary approaches to health and humanities.

QA: AL 829

## ASTRONOMY AND ASTROPHYSICS AST

- 201\*** **Astrophysics and Astronomy I**

Fall. 3(04-0)

P: PHY 183 or PHY 183B or PHY 193H;

MTH 132 or MTH 152H.

Overview of the universe: the celestial sphere, orbits, spectra, the solar system, stars, and stellar evolution.  
QP: PHY 287 PHY 291HMTH 113 QA: AST 229 AST 217

- 202\*** **Astrophysics and Astronomy II**

Spring. 4(03-2)

P: AST 201; PHY 184 or PHY 184B or

PHY 294H; MTH 234 or MTH 254H, or concurrently.

Interstellar medium, the milky way, galaxies, and the large-scale structure of the universe. Coordinate systems, instruments, and data analysis.

QP: AST 229 QA: AST 230 AST 327

- 301\*** **Junior Research Seminar**

Spring. 1(01-0) May reenroll for a maximum of 4 credits.

P: AST 202.

Preparation and presentation of a review paper on a current topic in astronomy or astrophysics.

QP: AST 230 AST 327 QA: AST 399

- 310\*** **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.  
QP: AST 230 QA: AST 490

- 401\*** **Stars**

Fall. 3(03-0)

P: AST 202, PHY 410, PHY 321 or concurrently.

Physical processes that determine the structure and evolution of stars. Results of stellar evolution theory. Stellar atmospheres. Observations of stars.

QP: AST 327 PHY 396 QA: AST 442