ANTHROPOLOGY

826*. International Development and Sustainability  
Spring of odd-numbered years. 3(3-0)  
Interdepartmental with the Department(s) of Resource Development, Political Science.  
R: Open only to graduate students.  
The environmental, economic, political, legal, managerial and cultural components of sustainable development.  
QP: ANP 856

834*. Biocultural Evolution  
Fall of odd-numbered years. 3(3-0)  
R: Open only to graduate students.  
Contemporary issues in evolutionary theory, taxonomy, and the evolution of biology and culture.  
QP: ANP 896

840*. Class and Ethnicity in Social Differentiation  
Fall of odd-numbered years. 3(3-0)  
R: Approval of instructor.  
Anthropological theories of social and cultural differentiation and inequality within cultures and ethnic communities.  
QP: ANP 820

841*. Physical Anthropology  
Spring of odd-numbered years. 3(3-0)  
R: Approval of department.  
Food, foodways, and nutrition in different cultural systems. Production, storage, processing, and consumption. Social and cultural significance of eating, foods, and body image.  
QP: ANP 850

842*. Principles of Archaeological Analysis  
Spring of odd-numbered years. 3(3-0)  
P: GEO 400 or approval of instructor.  
Archaeological research design. Appropriate analytic techniques.  
QP: ANP 800

850*. Archaeological Theory  
Spring of odd-numbered years. 3(3-0)  
R: Approval of department.  
Archaeological theory and the nature of the archaeological record.  
QP: ANP 850

855*. The Roots of Contemporary Anthropological Theory  
Spring of odd-numbered years. 3(3-0)  
Development of contemporary anthropological theory from 18th and 19th centuries. Major paradigms in current anthropology.  
QP: ANP 850

859*. Issues in Contemporary Archaeology  
Fall of odd-numbered years. 3(3-0)  
R: Open only to graduate students.  
Approval of department.  
Theoretical, issues, problems, and methodological innovations affecting the conduct of research in archaeology.  
QP: ANP 855

890A*. Individual Readings  
Fall, Spring, Summer. 1 to 8 credits.  
May reenroll for a maximum of 16 credits.  
R: Approval of department.  
Graduate student project under faculty direction.  
QP: ANP 860

990B*. Individual Research  
Fall, Spring, Summer. 1 to 8 credits.  
May reenroll for a maximum of 16 credits.  
R: Approval of department.  
Graduate student projects under faculty direction.  
QP: ANP 850

999*. Doctoral Dissertation Research  
Fall, Spring, Summer. 1 to 24 credits.  
May reenroll for a maximum of 24 credits.  
R: Approval of department.  
QP: ANP 999

ARBIC

101*. Elementary Arabic I  
Fall. 4(4-0)  
Writing, reading, and speaking elementary standard Arabic in conversation and reading in Arabic.  
QP: ARB 101 ARB 102
290. Independent Study
Fall, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 6 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 required.
Critical reading, writing and understanding of modes of discourse. Interdisciplinary topic varies by instructor. Fulfill Tier 1 writing requirement.
QP: ATL 121 ATL 122 QA: AL 150

250. Handwriting system and calligraphy
Spring. 3(S-0)
P: CHS 102 or permission of department.
QP: CHS 103 QA: CHS 250

390*. Methods of Teaching Foreign Languages
Spring. 3(S-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 341

390H*. Interdisciplinary Perspectives in the Arts and Humanities
Fall, Spring. 3(S-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 3 credits. May reenroll for a maximum of 8 credits.
P: CHS 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.

1450. Arts Management
Fall or even-numbered years. 3(S-0) May reenroll for a maximum of 8 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.
QP: QAL 850

1464. Studies in Literature of Asia and the Asian Diaspora
Fall or odd-numbered years. 3(S-0) May reenroll for a maximum of 9 credits.
Interdepartmental with the Department(s) of Languages and Oriental and African Languages Courses, English.
R: Sophomores and above.
Selected works, genres, themes or regions in Asian and Asian diaspora literature.
QP: QAL 820

1493A. Arts and Letters Internship
Fall, Spring, Summer. 2 to 4 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 college.
Supervised professional field experience in the arts and humanities.
QP: QAL 499

1493B. Arts and Letters Publications Internship
Fall, Spring, Summer. 2 to 4 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. Approval of college.
Introduction to all aspects of preparing College of Arts and Letters publications. Newsletters, brochures, and special event flyers.
QP: QAL 499

220. Humanistic Perspectives on Health Fall
R: Approval of Director of IPHI
Multidisciplinary perspectives on health care medicine, emphasizing linkages among the humanistic and scientific disciplines.
QP: QAL 820

221*. Proseminar in Comparative Literature
Fall. 3(S-0)
R: Interdepartmental with the Department(s) of English, Romance Language Courses, Linguistics.
R: Seniors and above.
Advanced reading knowledge of languages. History and practice of comparative literature including foundational concepts and current directions in the field.
QP: QAL 820

229. Methods of Comparative Literature
Spring. 3(S-0) May reenroll for a maximum of 6 credits.
Interdepartmental with the Department(s) of English, Romance Language Courses, Linguistics.
R: Seniors and above.
Case studies in international literary tradition, reception, and transmission, including approaches in genre and period, and to the history and aesthetics of reception.
QP: QAL 822

823. Seminar in Comparative Literary Criticism
Fall. 3(S-0) May reenroll for a maximum of 8 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 literature, criticism, with attention to the development of critical approaches and to current topics in the critical literature.
QP: QAL 823

824*. Comparative Critical Theory
Spring. 3(S-0) May reenroll for a maximum of 8 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. Critical theory of comparative literature, including comparative studies in rhetorical theory and discourse analysis.
QP: QAL 824 AL 825

229. Capstone Seminar in Health and Humanities
Spring. 1(S-0)
R: Approval of Director of IPHI
Peer review of master's theses completed or near completion. Discussion of recent works in interdisciplinary approaches to health and humanities.
QP: QAL 859

ASTRONOMY AND ASTROPHYSICS

AST

201*. Astrophysics and Astronomy I
Fall, 3(S-0)
P: PHY 183 or PHY 184B or PHY 193H; MTH 152 or MTH 152H.
Overview of the universe: the celestial sphere, orbits, spectra, the solar system, stars, and stellar evolution.
QP: PHY 297 PHY 298 HMTH 113 QA: AST 229 AST 217

202*. Astrophysics and Astronomy II
Spring. 4(S-0)
P: AST 201; PHY 184 or PHY 184B or PHY 294H; MTH 234 or MTH 254H or concurrently.
Intersstellar 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 237

301*. Junior Research Seminar
Spring. 1(S-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(S-0)
P: AST 208; PHY 410, PHY 221 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