

856. Dress Design: Advanced Pattern Making
 (TRA 856.) Spring. 3(1-4) Six credits in clothing construction.

Garment design analysis and application of flat pattern principles to advanced designs. Includes fitting and garment construction. Basic to further study in clothing design at graduate level.

899. Research
 (TRA 899.) Fall, Winter, Spring, Summer. Variable credit. Approval of department.

HUMANITIES HUM
University College

Students may earn credit in only one of the courses in each of the following three groups:

1. 201, 211, 221, 231, 261, 281H
2. 202, 212, 222, 232, 262, 282H
3. 203, 213, 223, 233, 263, 283H

152. Introduction to Humanities: The Performing Arts
 Fall, Winter. 4(3-2) Primarily for Freshmen. Purchase of a limited number of tickets is required.

Preparation for, attendance at, and evaluation of events in the performing arts on the University campus. Curriculum will be based on campus events scheduled for the term.

199. Humanities: The Greek World
 Fall, Winter. 2(3-0) Students may not earn credit in 199 and 201. Sophomores; ATL 101, or approval of department.

The origins and development of Western Civilization as seen through an interdisciplinary study of the history, literature, philosophy, religion, and art of classical Greece. This course is the equivalent of the first half of 201.

200. Humanities: The Roman World
 Winter, Spring. 2(3-0) Students may not earn credit in 200 and 201. Sophomores; ATL 101, or approval of department.

The origins and development of Western Civilization as seen through an interdisciplinary study of the history, literature, philosophy, religion, and art of classical Rome and of the beginnings of the Judeo-Christian tradition. This course is the equivalent of the second half of 201.

201. Humanities in the Western World
 (241A.) Fall, Winter, Spring, Summer. 4(4-0) Sophomores.

The origins and development of Western Civilization as seen through an interdisciplinary study of the history, literature, philosophy, religion, and art of the civilizations of Greece and Rome and of the Judeo-Christian tradition. Uses an anthology of source readings, selected paperbacks, history and art texts.

202. Humanities in the Western World
 (242A.) Fall, Winter, Spring, Summer. 4(4-0) Sophomores; 201 preferred; or 211, 221, 231, or 261, or 281H.

Deals with the medieval and early modern periods of Western culture.

203. Humanities in the Western World
 (243A.) Fall, Winter, Spring, Summer. 4(4-0) Sophomores; 202 preferred; or 212, 222, 232, 262, or 282H.

Deals with aspects of modern Western culture since 1700.

211. Humanities: Great Books of Western Culture
 (241B.) Fall. 4(4-0) Sophomores.

Emphasizes selected major works of literature, philosophy, religion, history, and art in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses selected paperbacks, history and art texts.

212. Humanities: Great Books of Western Culture
 (242B.) Winter. 4(4-0) Sophomores; 211 preferred; or 201, 221, 231, 261, or 281H.

Emphasizes selected major literary, philosophical, religious, historical and artistic works of the medieval and early modern periods of Western culture.

213. Humanities: Great Books of Western Culture
 (243B.) Spring. 4(4-0) Sophomores; 212 preferred; or 202, 222, 232, 262, or 282H.

Selected major literary, philosophical, religious, historical and artistic works of the medieval and early modern periods of Western culture.

221. Humanities: The Visual Arts and Western Culture
 (241C.) Fall. 4(4-0) Sophomores.

Emphasizes the visual arts in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses an art history text, a history text, an anthology of readings and selected paperbacks.

222. Humanities: The Visual Arts and Western Culture
 (242C.) Winter. 4(4-0) Sophomores.

221 preferred; or 201, 211, 231, or 261, or 281H. The visual arts in the culture of the medieval and early modern periods of Western civilization.

223. Humanities: The Visual Arts and Western Culture
 (243C.) Spring. 4(4-0) Sophomores;

222 preferred; or 202, 212, 232, 262, or 282H. The visual arts in modern culture since 1700.

231. Humanities and Western Institutions
 (241D.) Fall. 4(4-0) Sophomores.

Emphasizes those aspects of culture having to do with man as member of organized society. The origins and development of cultural institutions and their relationships with literature, art, philosophy, and religion in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses a history text, an art text, an anthology of source readings, and selected paperbacks.

232. Humanities and Western Institutions
 (242D.) Winter. 4(4-0) Sophomores;

231 preferred; or 201, 211, 221, 261, or 281H. Interrelationships of literature, art, philosophy, and religion with the institutions of medieval and early modern periods of Western civilization.

233. Humanities and Western Institutions
 (243D.) Spring. 4(4-0) Sophomores;

232 preferred; or 202, 212, 222, 262, or 282H. Interrelationships of literature, art, philosophy, and religion with the institutions of modern Western civilization since 1700.

261. Humanities: Music and Western Culture
 (241E.) Fall. 4(4-0) Sophomores.

Emphasizes music in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses live and recorded music, an art and music text, a history text, an anthology of readings, and selected paperbacks.

262. Humanities: Music and Western Culture
 (242E.) Winter. 4(4-0) Sophomores;

261 preferred; or 201, 211, 221, 231, or 281H. Interrelationships of music with other aspects of medieval and early modern Western culture.

263. Humanities: Music and Western Culture
 (243E.) Spring. 4(4-0) Sophomores;

262 preferred; or 202, 212, 222, 232, or 282H. Interrelationships of music with other aspects of modern Western culture since 1700.

281H. Humanities: Honors Course
 (241H.) Fall. 4(4-0) Sophomores; approval of department.

Western culture through its origins in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses history and art texts, selected paperbacks, and other examples from the fields of history, literature, philosophy, religion, and art.

282H. Humanities: Honors Course
 (242H.) Winter. 4(4-0) Sophomores; approval of department.

Deals with the medieval and early modern stages of Western civilization.

283H. Humanities: Honors Course
 (243H.) Spring. 4(4-0) Sophomores; approval of department.

Deals with modern Western culture since 1700.

291. The Cultural Traditions of China
 (250A.) Fall, Winter, Spring. 4(4-0)

Focus is upon historical views of God, man, and society as seen in sacred and secular literature and in works of art.

292. The Cultural Traditions of India
 (250B.) Fall, Winter, Spring. 4(4-0)

Focus is upon historical views of God, man, and society as seen in sacred and secular literature and in works of art.

293. The Cultural Traditions of Japan
 (250C.) Fall, Winter, Spring. 4(4-0)

Focus is upon historical views of God, man, and society as seen in the sacred and secular literature and in works of art.

294. The Cultural Traditions of Islam
 (250D.) Fall, Winter, Spring. 4(4-0)

Focus is upon historical views of God, man, and society as seen in sacred and secular literature and in works of art.

295. The Cultural Traditions of Sub-Saharan Africa
 (251.) Fall, Winter, Spring. 4(4-0)

An interdisciplinary study of major artistic, literary, musical, and religious elements of the culture of Sub-Saharan Africa against the background of the history of the region.

300. Supervised Individual Study
 Fall, Winter, Spring. 2 to 4 credits.

Eight credits above the 100 level in the Humanities Department; approval of department. Selected students requesting individual study of interdisciplinary problems will work under su-

pervision of University College professors. Variable elective credit will be determined when the student secures instructor, adviser, and department approval.

**311. Great Cities, Arts, and Ideas:
The Western Classical Age**
Fall. 4(4-0) Juniors.

The humanities in an urban culture during the Western classical age. Major ideas and works of art and literature, their significance in the city's life, and their continuing influence. City will be Athens or Rome.

**312. Great Cities, Arts, and Ideas:
The Renaissance**
Winter. 4(4-0) Juniors.

The humanities in an urban culture during the Renaissance. Major ideas and works of art and literature, their significance in the city's life, and their continuing influence. City will be Florence, Rome, or Paris.

**313. Great Cities, Arts, and Ideas:
The Enlightenment**
Spring. 4(4-0) Juniors.

The humanities in an urban culture during the century of the French Revolution. Major ideas, works of art and literature, their significance in the city's life and their continuing influence. City will be Paris or London.

**341. The Humanities in the
Contemporary World**

Winter, Spring 4(4-0) Juniors. Previous studies in the humanities are recommended.

Interdisciplinary study of the literature, philosophy, religion, architecture, painting, sculpture, music, film, and other performing arts of the era since 1945 as they reflect and influence the character of contemporary civilization.

**HUMAN MEDICINE H M
(COLLEGE OF)**

499. Seminar in Medicine and Society
Fall, Winter, Spring. 2(3-0) Must re-enroll for a maximum of 6 credits. Human Medicine students.

Medicine in its wider social and cultural context. Health viewed as an expression of the person's total functioning—sociocultural, psychological, and biological—with illness regarded as the result of a dysfunction in any one of these areas.

501. Human Biology and Behavior
Fall. Variable credit. May re-enroll for a maximum of 12 credits. Year V Human Medicine students.

An integrative approach to the human organism, utilizing development as a central theme, and focusing upon the prenatal period.

502. Human Biology and Behavior
Winter. Variable credit. May re-enroll for a maximum of 12 credits. 501

Continuation of 501 focusing upon birth and the peri-natal period.

503. Human Biology and Behavior
Spring. Variable credit. May enroll for a maximum of 9 credits. 502.

Continuation of 502 focusing upon the period of childhood.

506. Doctor-Patient Relationship
Fall. 2(2-0)

Identification of specified elements of communication and interview responses through the utilization of videotaped interviews. Focus on teaching self-observation, exploration of human interaction.

508. Immediate Care
Fall. 2(2-0) First year Human Medicine student.

Methods of administering immediate life saving and supportive measures in case of accident or medical emergency. Emphasis placed on cardiopulmonary resuscitation, fractures, unconsciousness, wounds, environmental injury and emergency child birth.

510. Focal Problems
(507.) Fall. 1 to 10 credits.

Small group discussions concerned with instruction in the processes of medical problem solving and the integrated learning of basic and clinical medical science concepts around common problems seen in medical practice.

511. Focal Problems
Winter. 1 to 10 credits. 510 or approval of department.

Continuation of 510.

512. Focal Problems
Spring. 1 to 10 credits. 511 or approval of department.

Continuation 511.

513. Focal Problems
Fall. 1 to 10 credits. 512 or approval of department.

Continuation of 512.

514. Focal Problems
Winter. 1 to 10 credits. 513 or approval of department.

Continuation of 513.

515. Focal Problems
Spring. 1 to 10 credits. 514 or approval of department.

Continuation of 514.

520. Clinical Science
(509.) Winter. 1 to 8 credits.

The basic clinical skills of interviewing, physical examination and problem solving are taught in small group seminars utilizing models, patients and self-instructional materials.

521. Clinical Science
Spring. 1 to 8 credits. 520 or approval of department.

Continuation of 520.

522. Clinical Science
Fall. 1 to 8 credits. 521 or approval of department.

Continuation of 521.

523. Clinical Science
Winter. 1 to 8 credits. 522 or approval of department.

Continuation of 522.

524. Clinical Science
Spring. 1 to 8 credits. 523 or approval of department.

Continuation of 523.

530. Human Biology and Behavior
Winter. 1 to 8 credits.

A multidisciplinary course integrating the physiological and psycho-social aspects of each stage of human development, from conception to death, with significant clinical problems of that stage.

531. Human Biology and Behavior...
Spring. 1 to 8 credits. 530 or approval of department.

Continuation of 530.

532. Human Biology and Behavior
Fall. 1 to 8 credits. 531 or approval of department.

Continuation of 531.

533. Human Biology and Behavior
Winter. 1 to 8 credits. 532 or approval of department.

Continuation of 532.

534. Human Biology and Behavior
Spring. 1 to 8 credits. 533 or approval of department.

Continuation of 533.

590. Special Problems in Human Medicine
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. Human Medicine students.

Each student will work under direction of a faculty member of the college on an experimental, theoretical or applied problem. A student should employ this college level course, as distinguished from the departmental level special problems course, when his topic of interest seems to require a broad multidisciplinary approach.

601. Human Biology and Behavior
Fall, Winter, Spring. Variable credit. May re-enroll for a maximum of 15 credits. Year V—College of Human Medicine Curriculum.

A multidisciplinary study of the human organism unified by the theme of growth and development. Covers the basic science and clinical aspects of human growth and development from adolescence to death.

602. Fundamentals of Patient Care
Fall, Winter, Spring, Summer. 15 credits. 601.

Introductory clinical experiences using selected patients with a broad spectrum of medical, surgical, pediatric, and psychiatric problems. History taking, physical examination and problem formulation are taught as a basis for rational and effective patient care.

603. Human Biology and Behavior
Spring. Variable credit. May re-enroll for a maximum of 15 credits. 602.

Continuation of 602.

608. Sub-Specialty Clerkships
Fall, Winter, Spring, Summer. 1 to 17 credits. May re-enroll for a maximum of 41 credits. 602.

Hospital and office based clinical experiences in sub-specialties in medicine and surgery.

609. Radiology Clerkship
Fall, Winter, Spring, Summer. 1 to 17 credits. May re-enroll for a maximum of 34 credits. 602.

Office and hospital based experience to acquaint the student with basic radiological information and develop X-ray interpretation skills.

610. Family Practice Clerkship
Fall, Winter, Spring, Summer. 1 to 17 credits. May re-enroll for a maximum of 43 credits. 602.

A clerkship in a model family practice unit with graded responsibility and supervision in the care of families and their medical problems with emphasis on primary, continuing and comprehensive care.