

459. Special Problems in Clothing
(TRA 459.) Fall, Winter, Spring, Summer. 2 to 4 credits. Two courses in clothing construction; approval of department.

472. Textiles within an Ecological Framework
Fall, Winter, Summer. 2 to 3 credits. May re-enroll for a maximum of 6 credits. 171 and approval of department. Contemporary textile advancements which influence the ecosystems of man.

473. Textile Economics
Spring. 3(3-0) 171; EC 201.
Economic theory related to textile fiber production and distribution, fabric manufacture; price determination; recycling of resources; current economic concerns within textile industry.

475. History of Apparel Textiles
Fall. 3(3-0) Juniors.
Textiles used for apparel from prehistory to contemporary times. Analysis of the influence of cultural factors on the evolution of design and resources used.

476. Clothing and Textiles in World Trade
Winter. 3(3-0) EC 201.
Textile and apparel world trade as a response to patterns of production, political decisions and geographic distribution of resources.

483. History of Costume: Western Dress
(TRA 483.) Winter. 3(3-0) Juniors.
Important periods of costume; their relationship to life of the times and their importance in evolution and inspiration of modern dress.

490. Problems in Human Environment and Design
(TRA 490.) Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 6 credits. Approval of department.
Special problems and independent study in environmental concerns.

498. Field Study
Fall, Winter, Spring, Summer. 4 to 8 credits. May re-enroll for a maximum of 8 credits. Approval of department.
Study of environmental concerns in-depth through direct contact in field settings and/or travel.

800C. Seminar in Human Environment and Design
(TRA 800C.) Fall, Winter, Spring. Summer of even-numbered years. 3(3-0) May re-enroll for a maximum of 9 credits. Six credits in design or crafts.

800D. Seminar in Psycho-Social-Cultural Aspects of Clothing
(TRA 800D.) Winter. Summer of even-numbered years. 3(3-0) May re-enroll for a maximum of 9 credits. Approval of department.

809C. Research Methods in Human Environment and Design
(TRA 809C.) Fall, Winter, Spring. Variable credit. May re-enroll for a maximum of 9 credits. Approval of department.

813A. Special Problems in Textiles
(TRA 813A.) Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 9 credits. Approval of department.

813B. Special Problems in Clothing Construction or Design
(TRA 813B.) Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 9 credits. Approval of department.

813C. Special Problems in Related Arts
(TRA 813C.) Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 9 credits. Approval of department.

813D. Special Problems in Sociological, Psychological or Economic Aspects of Clothing
(TRA 813D.) Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 9 credits. Approval of department.
Problems for special study for the general home economics major or students taking a major or minor in clothing.

815. Literature in Clothing and Textiles
(TRA 815.) Fall. Summer of even-numbered years. 3(3-0) Approval of department.
Organized investigation into the recent literature in the several areas of clothing and textiles.

819. Research Methods
(TRA 819.) Winter. 3(3-0) Approval of department. Interdepartmental and administered jointly with the Family Ecology Department.

836. Research and Developments in Family Housing
(TRA 836.) Winter. 3 to 5 credits. 819 or concurrently; approval of department.
Historical perspective of research accomplishments in housing, major shaping forces, financial support, landmark studies and major contributors. Consideration of present research and developments suggesting researchable areas.

837. Generalization and Concepts for Teaching Family Housing
(TRA 837.) Fall. Summer of odd-numbered years. 3(3-0) FE 823, approval of department.
Major concepts dealing with producing, securing, maintaining and evaluating housing. Focus placed on content for teaching programs in secondary schools and other educational organizations.

838. Housing for People with Special Needs
(TRA 838.) Spring. 3(3-0) Approval of department.
Major needs in housing of the poor, elderly, handicapped, migrant and other groups with specific requirements.

840. Clothing and Human Behavior
(TRA 840.) Spring; Summer of odd-numbered years. 3(3-0)
Theories of human behavior which relate to clothing and dress.

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

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

(MED 499.) 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

(MED 501.) 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

(MED 502.) 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

(MED 503.) 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.

507. Focal Problems

Fall, Winter, Spring, Summer. 1 to 12 credits. May re-enroll for a maximum of 30 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.

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.

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. 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.