282H. Humanities: Honors Course
(282H) Winter. 4(4-0) Sophomores; approval of department. Deals with the medieval and early modern stages of Western civilization.

283H. Humanities: Honors Course
(283H) Spring. 4(4-0) Sophomores; approval of department. Deals with modern Western culture since 1700.

291. The Cultural Traditions of China
(290A) Fall, Winter, Spring. 4(4-0) An interdisciplinary study of major artistic, literary, musical, philosophical, and religious aspects of the culture of China in historical context.

292. The Cultural Traditions of India
(290B) Fall. Winter, Spring. 4(4-0) An interdisciplinary study of major artistic, literary, philosophical, and religious aspects of the culture of India in historical context.

293. The Cultural Traditions of Japan
(290C) Fall, Winter, Spring. 4(4-0) An interdisciplinary study of major artistic, literary, philosophical, and religious aspects of the culture of Japan in historical context.

294. The Cultural Traditions of the Islamic World
(290D) Fall, Winter, Spring. 4(4-0) An interdisciplinary study of major artistic, literary, philosophical, and religious aspects of the culture of the Islamic world in historical context.

295. The Cultural Traditions of Sub-Saharan Africa
(251L) Fall, Winter, Spring. 4(4-0) An interdisciplinary study of major artistic, literary, musical, philosophical, and religious aspects of the culture of Sub-Saharan Africa in historical context.

300. Supervised Individual Study
Fall, Winter, Spring. 2 to 4 credits. May re-enroll for a maximum of 12 credits. Six credits in humanities general education, 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, advisor, 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. Cities 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. Cities 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. Cities will be Paris or London.

341. The Humanities in the Contemporary World
Fall, 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.

345. Jewish Humanities in the Twentieth Century
Fall, Winter, Spring. 4(4-0) Previous studies in the humanities recommended. An interdisciplinary study of the novel, short story, drama, music, film, and arts of the Twentieth Century as they have reflected the experiences, preoccupations, and contributions of the Jews.

HUMAN MEDICINE

350. The Wider Dimensions of Medicine
Fall. 2(2-0) Approval of department. Survey of the historical, sociocultural and cultural origins of the medical profession, and discussion of prominent contemporary issues.

490. Seminar in Medicine and Society
Fall, Winter, Spring. 2(3-0) Must re-enroll for a maximum of 8 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.

500. Preceptorship Training
Fall, Winter, Spring. Summer. 1 to 3 credits. One year of medical school. Interdepartmental with the Department of Family Practice. Field experience in primary care taught by primary care physicians throughout the state to medical students from Michigan State University, University of Michigan and Wayne State University.

505. Patient Interaction
Fall. 2(2-0) ANT 505A concurrently. Students participate in experiences dealing with certain aspects of interviewing and performing a physical examination. Focus is primarily on self-observation and exploration of student-patient interaction.

506. Doctor-Patient Relationship
Spring. 2(2-0) ANT 505A; HM 520; H M 520. Identification of specified elements of communication and interview response 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 childbirth.

510. Focal Problems
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 of 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
Fall. 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. 520 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.
### HUMAN NUTRITION AND FOODS

See Food Science and Human Nutrition

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**Interdisciplinary Courses — Descriptions of Courses**

**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. 1 to 6 credits. Human Medicine students or approval of department. 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.

**602. Fundamentals of Patient Care**  
Fall, Winter, Spring. 15 credits. Approval of department. Introductory clinical experiences using selected patients with a broad spectrum of medical, surgical, psychiatric, and psychosomatic patients. History-taking, physical examination and problem formulation are taught as a basis for rational and effective patient care.

**605. Sub-Specialty Clerkships**  
Fall, Winter, Spring. 1 to 17 credits. May re-enroll for a maximum of 41 credits. Students will work under the direction of a faculty member in the sub-specialties of medicine and surgery.

**609. Radiology Clerkship**  
Fall, Winter, Spring. 1 to 17 credits. May re-enroll for a maximum of 34 credits. Office and hospital based clinical experiences in clinical specialties in radiology, cytology, and radiologic pathology.

**610. Family Practice Clerkship**  
Fall, Winter, Spring. 1 to 17 credits. May re-enroll for a maximum of 43 credits. A clerkship in a model family practice unit with graduated responsibility and supervision in the care of families and their medical problems with emphasis on primary, continuing and comprehensive care.

**611. Anesthesiology Clerkship**  
Fall, Winter, Spring. 1 to 17 credits. May re-enroll for a maximum of 34 credits. Emphasizes the use of common anesthetic agents and techniques, the importance of preoperative evaluation of physical and psychological status of patient, and provides opportunity for performance of anesthetic procedures under supervision.

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**IMPROVEMENT SERVICES**

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<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>194. Quantitative Techniques</td>
<td>Proficiency test referral or approval of department. Number system; rounding and estimating; fractions; decimals; percent; equations; formulas; direct and inverse proportion, including graphs; problem solving or applications; multiplication and division by powers of ten and their multiples; scientific notation; metric system conversions; bases other than ten.</td>
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**INTERDISCIPLINARY COURSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>100. Career Planning and Academic Programming</td>
<td>Administration and management of academic programs. Tools and techniques for self-evaluation and evaluation of career alternatives; employability, trends in occupations.</td>
</tr>
<tr>
<td>200. Resource Ecology and Man</td>
<td>Administration of Department of Biology. Mechanisms by which the environment regulates man and his resources. Ecology as the unifying basis for resource management.</td>
</tr>
<tr>
<td>201. Introduction to Environmental Systems</td>
<td>Administration of Systems Science and Engineering. Basic systems concepts presented in a non-mathematical manner. Application to selected ecological topics, e.g., energy, water quality, food production, population dynamics. Interdisciplinary models provide opportunity for students to develop decision-making skills.</td>
</tr>
<tr>
<td>220. The Politics of Ecology</td>
<td>Administration of Political Science and Social Science. Political considerations fundamental to environmental issues. Theory, practice, and prescription for action are included. Economic, legal, and ethical factors influencing public policy decisions will be emphasized.</td>
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**240. Religious Groups in Modern America**  
Fall, Winter, Spring. 3(3-0) Interdisciplinary with the departments of Anthropology, Geography, and History and administered by the Department of History. The continuing revolution in China viewed historically, then as it has affected various sectors of Chinese society, and finally as it has affected China's relations with other nations.

**255. Continuing Revolution in China: Problems and Approaches**  
Fall, Winter, Spring. 3(3-0) Interdisciplinary with the departments of Anthropology, Geography, and History and administered by the Department of History. The role of energy as a fundamental pollutant will be discussed along with the availability of fossil energy sources. Limitations on the safe utilization of both fossil and nuclear energy will also be considered.

**256. Energy Consumption and Environmental Quality**  
Fall, Winter, Spring. 3(3-0) Interdisciplinary with Lyman Briggs College and the Physics Department. Administered by Lyman Briggs College. The role of energy as a fundamental pollutant will be discussed along with the availability of fossil energy sources. Limitations on the safe utilization of both fossil and nuclear energy will also be considered.

**320. Human Adjustment to Environment**  
Winter. 4(4-0) Completion of University College natural science and social science sequence. Sophomores. Interdisciplinary with the colleges of Social Science and Natural Science. Our life support system and our energy and resource base; social, political, economic and philosophical concerns and consequences of observed and predictable trends for life in a finite environment. Local field trips.

**341. Contemporary Problems of South Asia**  
Fall, Winter, Spring. 3(3-0) Not open to Freshmen. Interdisciplinary with the departments of Anthropology, Geography, and Political Science and administered by the Department of Political Science. Current problems in India, Pakistan and adjoining areas, studied through regional case studies of population growth, agricultural and industrial development, urbanization, and international political and economic relationships.

**344. Modernization: India and Japan**  
Winter, Spring. 4(4-0) Not open to Freshmen. Interdisciplinary with the departments of Anthropology, Geography, and Political Science and administered by the Department of Social Science. Social, economic, and political development of non-Western cultures in the movement from the traditional, non-industrial to the modernizing, industrializing stage.

**345. Modernization: The Middle East**  
Fall, Winter, Spring. 4(4-0) Not open to Freshmen. Interdisciplinary with the departments of Anthropology, Geography, and Political Science and administered by the Department of Social Science. Social, economic, and political development of non-Western cultures in the movement from the traditional, non-industrial to the modernizing, industrializing stage.