281H. Honors Course: Ancient World (A)
Fall, 4(4-0) Sophomores; approval of department. Students may not receive credit in more than one of the following: HUM 301, HUM 211, HUM 221, HUM 261, HUM 268, HUM 291H. Western culture through its origins in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses history and art tests, selected paybacks, and other examples from the fields of history, literature, philosophy, religion and art.

282H. Honors Course: Medieval and Early Modern Periods (A)
Winter, 4(4-0) Sophomores; approval of department. Students may not receive credit in more than one of the following: HUM 202, HUM 212, HUM 252, HUM 292, HUM 292H. Deals with the medieval and early modern stages of Western civilization.

283H. Honors Course: Modern World (A)
Spring, 4(4-0) Sophomores; approval of department. Students may not receive credit in more than one of the following: HUM 203, HUM 213, HUM 225, HUM 293, HUM 293H. Deals with modern Western culture since 1700.

294. The Cultural Traditions of the Islamic World (A)
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 (A)
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.

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

297. The Cultural Traditions of India (A)
(292) 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.

298. The Cultural Traditions of China (A)
(291) 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.

300. Supervised Individual Study
Fall, Winter, Spring, Summer, 1 to 4 credits. May enroll for a maximum of 12 credits. Six credits in humanities general education; approval of department. Selected students requesting individual study of interdisciplinary problems. Variable elective credit will be determined when the student secures instructor, adviser, and department approval.

391. Twentieth Century Chinese Humanities
Winter, Spring, 4(4-0) Juniors; previous work in the humanities recommended.
An interdisciplinary study of major artistic, literary, religious, and philosophical developments in 20th century China.

HUMAN MEDICINE

(300) Preceptorship Training
Fall, Winter, Spring, Summer, 3 to 12 credits. May enroll for a maximum of 30 credits. No more than 3 credits toward degree requirements. 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.

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 cardiovascular resuscitation, fractures, unconsciousness, wounds, environmental injury and emergency child birth.

510. Introduction to Focal Problems
Fall, 1 to 12 credits. Admission to College of Human Medicine. Small group discussions concerned with instructing 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. Track I Focal Problems
Winter, 1 to 12 credits. H M 510 or approval of department. Students may not receive credit in both H M 511 and H M 540, H M 541. Small group discussions concerned with instructing 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.

512. Track I Focal Problems
Spring, 1 to 12 credits. H M 510 or approval of college. Students may not receive credit in both H M 511 and H M 540, H M 541. Small group discussions concerned with instructing 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.

513. Track I Focal Problems
Fall, 1 to 12 credits. H M 510 or approval of college. Students may not receive credit in both H M 513 and H M 550, H M 551, H M 552. Small group discussions concerned with instructing 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.

514. Track II Focal Problems
Winter, 1 to 12 credits. H M 514 or approval of college. Students may not receive credit in both H M 512 and H M 540, H M 541. Small group discussions concerned with instructing 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.

515. Track II Focal Problems
Spring, 1 to 12 credits. H M 514 or approval of college. Students may not receive credit in both H M 512 and H M 540, H M 541. Small group discussions concerned with instructing 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.

516. Medical Ethics
Winter, 3-3(0) Interdepartmental with the College of Osteopathic Medicine. Analysis and evaluation of the ethical elements of medical decision making. Topics include: patient rights, physician responsibilities, euthanasia, informed consent, parentism, confidentiality, biomedical research, and allocation of scarce resources.

520. Clinical Science
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. H M 520 or approval of department. Continuation of H M 520.

522. Clinical Science
Winter, 1 to 8 credits. H M 521 or approval of department. Continuation of H M 521.

523. Clinical Science
Winter, 1 to 8 credits. H M 522 or approval of department. Continuation of H M 522.

524. Clinical Science
Spring, 1 to 8 credits. H M 523 or approval of department. Continuation of H M 523.

540. Track II Focal Problem
Fall, Winter, Spring, 6(6-0) Completion of H M 510, approval of college. Students may not receive credit in both H M 511 and H M 540, H M 541. Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

541. Track II Focal Problem
Fall, Winter, Spring, 6(6-0) Completion of H M 540 or approval of college. Students may not receive credit in both H M 511 and H M 540, H M 541. Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.
545. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 541
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

546. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 545
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

547. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 546
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

550. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 547
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

551. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 550
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

552. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 551
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

555. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 552
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

560. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 555
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

561. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 560
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

565. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 561
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

566. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 565
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

567. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 566
Clinical problems around which basic science content is studied and approaches to problem-solving explored in combined small group, self-instructional format.

590. Special Problems in Human Medicine
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 12 credits. Human Medicine students or approval of college.

604. Hospital Care Clerkship
Fall, Winter, Summer. 19(0-16) Must reenroll for a total of 32 credits. H M 602.

605. Comprehensive Care Clerkship
Fall, Winter, Spring. 19(0-16) Must reenroll for a total of 32 credits. H M 602.
Comprehensive, longitudinal, ambulatory exposure to skills, problems, and content of primary disciplines of medical training. Fullfills departmental objective (when combined with H M 604) for required clerkships. Conducted in Escanaba, Michigan.

608. Sub-Specialty Clerkships
Fall, Winter, Spring, Summer. 1 to 17 credits. May reenroll for a maximum of 41 credits. H M 602.
Hospital and office based clinical experiences in sub-specialties in medicine and surgery.

609. Pre-Intern Clerkship
Fall, Winter, Spring, Summer. 12 credits. May reenroll for a maximum of 48 credits. Successful completion of required clerkships; approval of instructor. Patient care responsibilities similar to internship, under close faculty and resident supervision, in a community hospital.

HUMAN NUTRITION
AND FOODS
See Food Science and Human Nutrition.

IMPROVEMENT SERVICE

College of Natural Science

1941. Quantitative Techniques
Fall, Winter. 2(2-0) Proficiency test referral or approval of department. Credits earned in this course are included in computation of GPA and MAPS but are not included in the 180 credits required for graduation.
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 two and their multiples; scientific notation; metric system conversions; bases other than ten.

INTERDISCIPLINARY COURSES

All University

233. Introduction to Women's Studies: Women's Consciousness
Winter, Spring. 4(4-0) Interdisciplinary with the colleges of Arts and Letters and Social Science. Administered by the College of Arts and Letters.
Development of women's consciousness in various historical, cross-cultural and scientific contexts. Contexts basic to feminist thought are clarified. Critique of sexism in traditional scholarship. Approved through Summer 1986.

257. Contemporary Japan
(584.) Winter. 4(4-0) Interdisciplinary with James Madison College and the department of Anthropology, Geography, and History. Administered by the Department of Anthropology.
Contemporary Japanese society, governmental institutions and policies, religion and culture, foreign relations, industry, agriculture, management, Japanese social stability and economic development since World War II. Approved through Winter 1987.