HUMAN MEDICINE — Description of Courses

510. Introduction to Focal Problems
Fall. 1 to 12 credits. Admission to College of Human Medicine.
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. Track I Focal Problems
Winter. 1 to 12 credits. H M 510 or approval of college. Students may not receive credit in both H M 511 and H M 530, H M 541.
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.

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 530, H M 541.
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.

513. Track I Focal Problems
Fall. 1 to 12 credits. H M 512 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 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.

514. Track I Focal Problems
Winter. 1 to 12 credits. H M 513 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 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.

515. Track I Focal Problems
Spring. 1 to 12 credits. H M 514 or approval of college. Students may not receive credit in both H M 514 and H M 550, H M 551, H M 552.
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.

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, paternalism, 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.
552. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 552 or approval of college. Students may not receive credit in both H M 551 and H M 550, H M 551, 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.

555. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 555 or approval of college. Students may not receive credit in both H M 514 and H M 555, H M 560, 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.

560. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 560 or approval of college. Students may not receive credit in both H M 514 and H M 555, H M 560, 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.

565. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 565 or approval of college. Students may not receive credit in both H M 515 and H M 565, H M 560, 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 566 or approval of college. Students may not receive credit in both H M 515 and H M 565, H M 560, 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.

567. Track II Focal Problem
Fall, Winter, Spring. 5(5-0) H M 567 or approval of college. Students may not receive credit in both H M 515 and H M 565, H M 560, 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.

570. Introduction to Behavioral Medicine
Fall. 3(3-0)
Survey of behavioral and social factors influencing health, illness, and use of the health care system. Clinical and experimental examples of psychological and social influences on biological levels of organization.

572. Adult Through Aged Development
Spring. 3(2-0) PHD 572
Characteristics of physical, cognitive, social and emotional development and change, late adolescence through senescence. Interaction of biologic, psychological, and social factors in the developmental process.

575. Problems of the Aged
Spring. 3(2-0) PSC 575
Origin, course and treatment of disorders of function and behavior in the aged. Emphasis on biopsychosocial interaction, clinical and community perspectives and the health care system.

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.
Students will work under direction of a faculty member on an experimental, theoretical or applied problem. Subjects should employ the college-level course rather than departmental-level special problems courses, when their topics of interest require a broad multidisciplinary approach.

604. Hospital Care Clerkship
Fall, Winter, Spring, Summer. 18(0-16) Must reenroll for a total of 32 credits. FMP 602.

605. Comprehensive Care Clerkship
Fall, Winter, Spring, Summer. 18(0-16) Must reenroll for a total of 32 credits. FMP 602.
Comprehensive, longitudinal, ambulatory exposure to clinical problems, and content of primary disciplines of medical training. Fulfills 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. FMP 602.
Hospital and office based clinical experiences in sub-specialties in medicine and surgery.

HUMAN NUTRITION AND FOODS
See Food Science and Human Nutrition.

IMPROVEMENT SERVICE IS

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 ten and their multiples; scientific notation; metric system conversions, bases other than ten.

INTERDISCIPLINARY COURSES IDC

All University

255. Introduction to Contemporary China
Fall. 4(4-0) Interdisciplinary with James Madison College and the departments of Anthropology, Geography, History, and Political Science. Administered by the Department of History.
China's transition from traditional, agrarian state to modern nation in world community and overview of its recent political, economic, social, cultural and diplomatic developments. Approved through Summer 1988.

257. Contemporary Japan
Fall, Winter, Spring. 4(4-0) Interdisciplinary with the departments of Anthropology, Geography, History and James Madison College. 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 Fall 1989.

341. Contemporary South Asia
Spring. 4(4-0) Interdisciplinary with the departments of Anthropology, Geography, and Political Science and James Madison College. Administered by the Department of Anthropology.
Current issues in India, Pakistan and other areas of South Asia, studied from interdisciplinary perspective using the major humanistic and social science disciplines. Approved through Winter 1989.

400V. Distinguished Visiting Professor Series
Fall, Winter, Spring. 2 to 5 credits. May reenroll for a maximum of 15 credits if different topics are taken. Approval of the student's major department.
The title, content, and credits to be determined by the college sponsoring the course in consultation with the visiting professor. May be counted as credit in any major upon approval of major department, division or dean.