FISHERIES AND WILDLIFE

College of Agriculture and Natural Resources

100. Introduction to Fisheries and Wildlife
Fall. 1(1-0) Freshmen Fisheries and Wildlife Majors.
Fisheries and wildlife as a profession. Academic and nonacademic needs to meet professional objectives, using current management problems as a focus for discussion.

101. Fish and Wildlife of North America
Winter. 5(3-4) B S 212 or approval of department.
Comparative study of fish and wildlife groups in North America, their significant life history stages, morphology, migrations, habitats and populations. Common species are identified in the laboratory.

202. Soils and Man's Environment
Winter. 3(3-0) Interdepartmental with the departments of Resource Development and Crop and Soil Sciences and Natural Resources. Administered by the Department of Crop and Soil Sciences.
Use of soil-water resources in a technological society as it relates to environmental quality. Nature of pollution problems and their possible solutions. Food production and world population.

427. Wildlife Biology and Management
Fall. 3(3-0) MTH 111, six credits in fisheries and wildlife.
Survey of statistical formulas, methods and applications of statistics to problems in fisheries and wildlife.

428. Wildlife Population Analyses
Spring. 4(3-2) BBO 450 or ZOL 389, or concurrently.
Population measurement, reproductive and survival rates, sex and age determination; handling and marking methods. Field trips.

429. Ecology of Migratory Birds
Fall. 4(3-2) ZOL 461 or approval of department.
Ecological, behavioral, and physiological characteristics affecting population parameters of migratory birds and applications of these relationships to the management of migratory wildlife resources.

430. Ecology of Animal Parasites
Summer. 6 credits. B S 212 or approval of department. Given at W. K. Kellogg Biological Station. Interdepartmental with and administered by the Department of Entomology.
Parasitism of animals by protozoa, helminths and arthropods with emphasis on the interrelationships of host-parasite associations with the natural environment.

431. Stream Ecology
Fall, Summer—given at W. K. Kellogg Biological Station. 3(3-0) ENT 240 or approval of department. Interdepartmental with and administered by the Department of Entomology.
An in-depth examination of stream ecosystems—physical, chemical and biological aspects. Field work will be centered on local streams. Laboratory exercises will involve manipulations necessary for the determination of population energy budgets, with special emphasis on aquatic insects. Field trips required.

432. Wildlife Habitat Analyses
Fall. 4(3-2) ZOL 389 or concurrently.

462. Environmental Conservation Education
Fall, Winter, Spring, Summer. 4(3-2)
Education majors or approval of department.
Nature, distribution and interrelationships of natural resources dictating the quality of man's environment. Principles of resource use, study of natural objects and techniques of teaching in and about the environment.

602. Principles of Family Practice IV
Fall. 1(0-4) F M 632 or approval of department.
Continuation of F M 662.

662. Principles of Family Practice V
Winter. 1(0-4) F M 632 or approval of department.
Continuation of F M 682.

672. Principles of Family Practice VI
Spring. 1(0-4) F M 632 or approval of department.
Continuation of F M 672.

682. Principles of Family Practice VII
Fall, Winter, Spring, Summer. 1(0-4) F M 632 or approval of department.
Continuation of F M 682.

FAMILY PRACTICE

College of Human Medicine

FMP

Preceptorship Training
Fall, Winter, Spring, Summer. 1 to 3 credits. One year of medical school. Interdepartmental with and administered by the Department of Human Medicine.
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.

Families in Crisis: A Clinical View
Winter, Spring. 1 to 4 credits. May reenroll for a maximum of 4 credits. Student in medicine, nursing, or graduate student in psychology, counseling, social work or related field. Interdepartmental with the Department of Psychiatry.
Dynamics of family crises as might be experienced in health care settings. Videotapes, readings and small group discussions to illustrate family dynamics.

Special Topics in Family Practice
Fall, Winter, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 12 credits. Approval of department.
Explore special aspects and modes of family-oriented health care.

Family Practice Clerkship
(F M 610.) Fall, Winter, Spring, Summer. 9 to 17 credits. May reenroll for a maximum of 34 credits. M M 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.