117H. Honors Natural Science (117H) Fall, Winter, Spring, Summer. 4(2-3) 117H. Fall.

Continuation of 117H.

181. Natural Science Fall. 4(2–3) Approval of department.

The role of methods in science emphasizing the development and modification of systems of explanation. The nature of the cell and sexual reproduction as background for Mendelian gene theory and its modern modifications. Social implications are emphasized.

182. Natural Science Winter. 4(2–3) Approval of department.

Methods in science continued with emphasis on evolutionary ideas regarding the origin of earth features and existing life forms. The origin and development of man is considered along with a number of modern problems.

183. Natural Science Spring. 4(2–3) Approval of department.

NATURE OF SCIENCE (COLLEGE OF)

390H. The Human Organism

Winter. 3(2–0) Juniors; approval of the Honors College.

The importance of new discoveries in biology for our understanding of the human organism with emphasis from the fields of genetics, molecular biology, behavior, developmental biology, physiology and ecology.

391H. Man's Universe

Fall. 3(2–0) Juniors; approval of the Honors College.

A creative review by senior faculty from astronomy, biochemistry, biophysics, geology, physics, and philosophy of the impact of recent space probes in developing modern concepts of the universe, the origin of the earth and life upon it.

471. Environmental Topics in Nonmetropolitan Regions

Fall. 4(4–0) Approval of students by own department and approved by participating faculty, interdepartmental with Natural Resources and Agriculture and administered by Natural Resources.

Environmental topics in nonmetropolitan regions including issues on: production agriculture, service industries, recreational uses, rural urban balance, discussion topics and case studies.

NURSING

College of Natural Science

205. Foundations of Nursing

Fall. 3(2–5) Approval of school.

Introduction to principles basic in identifying nursing problems and their use in sound planning of patient care.

206. Foundations of Nursing

Winter. 4(3–3) 205.

Fundamental principles are presented as they relate to the care of the whole person; identification of problems confronting the individual in illness, methods of approach to the patient as a person whereby joint effort may contribute to improved well-being and/or recovery.

207. Foundations of Nursing

Spring. 4(2–6) Spring.

Continues building on concepts, utilizing principles and knowledge introduced in the foregoing nursing courses. The laboratory now moves into the clinical arena where practice in the nursing of patients becomes the focus of application of past learning and study.

303. Medical and Surgical Nursing

Fall, Spring. 12 credits. 207.

Care of individuals receiving medical and surgical therapy with emphasis on integration of preventive, emotional and social aspects of illness, pathophysiological relationships, and all forms of therapy and rehabilitation as they relate to medical and surgical nursing. Instruction and guided practice.

304. Medical and Surgical Specialties

Winter, Summer. 12 credits. 303.

Continuation of 303.

305. Maternity Nursing

Fall, Winter, Spring, Summer. 12 credits. 207; FCS 262B.

Normal growth and development from infancy through adolescence, care and health supervision of well children, treatment and rehabilitation of sick and handicapped children. Instruction and guided practice.

400H. Honors Work

Fall, Winter, Spring. 1 to 12 credits. Approval of school.

402A. Psychiatric Nursing of Individuals

(402A) Fall, Winter, Spring. 6 credits. Seniors. 402A concurrently.

Provides opportunities to develop skill in utilizing concepts and principles relevant to creating and maintaining therapeutic interpersonal relationships; individual and group participation with other professionals in providing comprehensive mental health services to the mentally ill individual and his family.

402B. Group Process and Community Action in Psychiatric Nursing

(402B) Fall, Winter, Spring. 6 credits. Seniors 402A concurrently.

Provides opportunities to develop skill in utilizing concepts, principles and dynamics of group and community interactions relevant to providing nursing intervention in programs for primary, secondary and tertiary prevention in community mental health.

403A. Introduction to Public Health

Fall, Winter, Spring. 4(4-0) Majors or approval of school.

Philosophy, development, organization, and responsibilities of public health are employed in the light of the current economic and political climate. An introduction to vital statistics, epidemiology, and environmental health is included. Provides a frame of reference for practice in this field.

403B. Public Health Nursing

Fall, Winter, Spring. 8(4-16) Seniors.

Relationships between public health nursing and other health and welfare services. Guided practice is provided for students working with individuals, families and community resources. Major focus is on health maintenance, health promotion and nursing care of the sick in their homes. Roles, responsibilities and functions of the nurse in the community are stressed.

404. Survey of Nursing

Fall, Winter, Spring. 4 credits. Seniors.

Development of nursing to present status, current problems and long-range plans. Field service open to graduate nurses; nursing organization, national, state and local, their services and objectives.