

905. Communication Research Design
*Fall, Winter, Spring, 4(4-0) May
reenroll for a maximum of 16 credits.*

Methods of data collection and analysis in communication research. Designing exploratory studies of the communication process. Interviewer training and bias. Content analysis of the mass media. Writing and critiquing research reports.

**940. Seminar in Communication
Theory and Research**

*Fall, Winter, Spring, Summer, 2 to 8
credits. May reenroll for a maximum of 45 cred-
its. Approval of department.*

Theoretic and research issues in communication.

990. Special Problems

*Fall, Winter, Spring, Summer, 1 to 6
credits. Approval of department.*

999. Doctoral Dissertation Research

*Fall, Winter, Spring, Summer, 1 to 36
credits. Approval of department.*

**514. Topics and Issues in Health Care
Delivery**

*Fall, 2 to 5 credits. Admission to a col-
lege of medicine or approval of department.*

Medical economics, health care financing and organization, personnel utilization, resource allocation, health services administration, patterns of medical practice, politics of health care. Continuing field experiences and seminars in community medicine.

**518. Aging: Clinical and Community
Perspectives**

*Spring, 4(3-3) Medical student or ap-
proval of instructor.*

Multi-dimensional aspects of aging and their application to long-term, continuing care of the chronically ill older adult.

**519. Health Education in Clinical
Settings**

Spring, 3(2-3) Approval of instructor.

Application of concepts from social and behavioral sciences to clinical health education through laboratory and classroom experiences including development of a model educational plan for a specific health problem.

**520. Biostatistical and Epidemiological
Reasoning**

*Fall, 4(4-0) Approval of instructor. In-
terdepartmental with the Department of Statis-
tics and Probability.*

Concepts and principles from biostatistics and epidemiology to facilitate critical reading literature relevant to clinical medicine and community health. Emphasis on design and interpretation.

521. Evaluation of Health Services

*Spring, 2 to 4 credits. Approval of in-
structor. Interdepartmental with the College of
Nursing.*

Use of experimental and quasi-experimental designs. Cost benefit and efficiency models. Assessment of health services delivery.

**522. Principles of Gerontology for
Medical Practice**

*Spring, 3(3-0) Admission to a college of
medicine or approval of department.*

An introductory course relating the biological, psychological and social implications of aging to health care of elderly.

530. Care of the Elderly

*Fall, Spring, 3(2-2) Student in H M,
OST or other clinical program or approval of
instructor. Interdepartmental with and admin-
istered by the Department of Family Practice.*

Case studies of the care of the elderly based on the physician patient-interaction with elderly persons and their families. Family systems applications to health care. Associated clinical experience.

**543. Health and Adaptation of the
Elderly**

*Fall, 3(3-0) Baccalaureate degree in
health science; approval of instructor. Interde-
partmental with and administered by the Col-
lege of Nursing.*

Health and adaptation of the aged individual experiencing the normative biophysiological and psychodevelopmental changes related to the aging process.

**590. Special Problems in Community
Medicine**

*Fall, Winter, Spring, Summer, 1 to 8
credits. May reenroll for a maximum of 32 cred-
its. Approval of department.*

Each student will work under direction of a faculty member on an experimental, theoretical or applied problem.

**600. Preventive Medicine and Public
Health Clerkship**

*Fall, Winter, Spring, Summer, 2 to 12
credits. Successful completion of first two years
of medical school.*

Clinical and community experiences in personal and community health services, environmental health, and other health and medical programs which meet health needs of various population groups.

605. Occupational Health Clerkship

*Fall, Winter, Spring, Summer, 6 to 12
credits. May reenroll for a maximum of 12 cred-
its. Grade P in all courses offered in terms 1
through 8.*

The occupational health program in an industrial setting. Exposure to delivery of medical care to workers, treatment of industrial accident injuries. Review of safety and preventive medicine programs.

610. Geriatric Clerkship

*Fall, Winter, Spring, Summer, 2 to 12
credits. Successful completion of first two years
of medical school.*

Clinical and community experiences including history taking, patient assessment, development and use of management and care plan and use of community resources for the long term care of the aged.

**619. Clinical Health Education
Clerkship**

*Fall, Winter, Spring, Summer, 6 to 12
credits. May reenroll for a maximum of 12 cred-
its. Grade P in all courses offered in terms 1
through 8.*

Clinical experiences for developing and applying skills in patient and family health education. Identification of behavioral components of health care. Assessment of educational needs of patient and family.

**620. Directed Studies in Community
Medicine**

*Fall, Winter, Spring, Summer, 1 to 6
credits. May reenroll for a maximum of 24 cred-
its. Approval of department.*

Individual projects on special problems related to community medicine.

630. Alcoholism Clerkship

*Fall, Winter, Spring, Summer, 2 to 12
credits. May reenroll for a maximum of 12 cred-
its. COM students: Satisfactory completion of
terms 1 through 8. CHM students: Satisfactory
completion of Phase II.*

Diagnosis, inpatient and outpatient management of alcoholics.

COMMUNICATION ARTS AND SCIENCES CAS (COLLEGE OF)

492. Special Topics

*Fall, Winter, Spring, Summer, 1 to 6
credits. Approval of department.*

Varied topics pertaining to the study of communication processes.

892. Special Topics

*Fall, Winter, Spring, Summer, 1 to 6
credits. Approval of department.*

Varied topics pertaining to advanced study of communication processes.

999. Doctoral Dissertation Research

*Fall, Winter, Spring, Summer. Varia-
ble credit. Approval of department.*

Dissertation research for the doctoral program in Mass Media.

COMMUNITY HEALTH SCIENCE CMS

**College of Human Medicine
College of Osteopathic Medicine**

512. Epidemiology and Biostatistics

*Fall, 2 to 5 credits. Admission to a col-
lege of medicine or approval of department.*

Epidemiology and biostatistics in clinical medicine and health care delivery. Evaluation of medical investigations. Applicability to preventive medicine and health maintenance. Field experiences and seminars in community medicine.

513. Medical Jurisprudence

*Fall, 2 to 5 credits. Admission to a col-
lege of medicine or approval of department.*

Basic concepts of the legal process and the health care system. Law suits, malpractice, statutory and case law. Insurance and tax consideration. Continuing field experiences and seminars in community medicine.