

**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.

## 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 commu-  
nication 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, Vari-  
able 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 medi-  
cine and health care delivery. Evaluation of  
medical investigations. Applicability to preven-  
tive medicine and health maintenance. Field ex-  
periences 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.

**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 al-  
location, health services administration, pat-  
terns 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 ap-  
plication 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 behav-  
ioral 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 litera-  
ture relevant to clinical medicine and commu-  
nity 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 de-  
signs. Cost benefit and efficiency models. Assess-  
ment 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 appli-  
cations to health care. Associated clinical experi-  
ence.

**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 ag-  
ing 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 fac-  
ulty 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 indus-  
trial setting. Exposure to delivery of medical  
care to workers, treatment of industrial accident  
injuries. Review of safety and preventive medi-  
cine 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 apply-  
ing 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 manage-  
ment of alcoholics.