820. Communication Theory and Process  
Fall, Summer. 4(4-0)  
Theoretical models of communication, with emphasis on the applications of communication theory to various professional communication areas.

821. Mass Communication Theory and Research  
Fall, Spring. 4(4-0)  
Current behavioral science theories and research, e.g., media institutions, decision-making, mass media exposure patterns, diffusion of news and influence, effective message strategies, political communication, and mass media in socialization.

822. Interpersonal Communication  
Winter, Summer. 4(4-0)  
Current theories and research in interpersonal communication. The role of interpersonal communication in such processes as conflict resolution and information exchange will be considered.

823. Cross-Cultural Communication  
Fall, Summer. 4(4-0)  
The role of communication in the economic, social, and political development of less developed countries. Problems in communicating across cultural boundaries.

830. Nonverbal Communication  
Winter. 4(4-0)  
A review of theory and empirical research on nonverbal communication. Emphasis on social functions such as impression management, regulation and social influence.

836. Persuasive Communication  
Spring. 4(4-0)  
Use of communication to gain compliance and effect social change. Study of persuasion and attitude change from classical theories to contemporary situations.

870. Communication and Change: The Diffusion of Ideas and Information  
Fall, Winter. 4(4-0)  
Research traditions underlying the diffusion of ideas and information, and acceptance of innovation and change. Strategic principles for introduction of change through the use of communication.

880. Message Behavior, Signs and Communication  
Spring. 4(4-0)  
Language and message behavior. The nature of messages, their structure, and the contexts (e.g. dyads, groups, organizations) that promote certain message behavior.

890. Special Problems  
Fall, Winter, Spring, Summer. 1 to 6 credits. Approval of department.  
Special problems as arranged with instructor.

899. Master's Thesis Research  
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

905. Communication Research Design  
Fall, Winter, Spring. 4(4-0) May reroll for a maximum of 15 credits.  
Methods of data collection and analysis in communication research. Designing exploratory studies of the communication process. Inter- viewer 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 reroll for a maximum of 45 credits. Approval of department.  
Theoretical 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 (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.

499. Doctoral Dissertation Research  
Fall, Winter, Spring, Summer. Variable credit. Approval of department.  
Dissertation research for the doctoral program in Mass Media.

518. Aging, Clinical and Community Perspectives  
Spring. 4(3-3) Medical student or approval 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 Epideimiological Reasoning  
Fall. 4(4-0) Approval of instructor. Interdepartmental with the Department of Statistics and Probability.  
Concepts and principles from biostatistics and epidemiology to facilitate critical reading, literature review, and application of statistical analysis to community health. Emphasis on design and interpretation.

531. Evaluation of Health Services  
Spring. 2 to 4 credits. Approval of instructor. Interdepartmental with the College of Nursing.  

552. 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 the elderly.

550. Care of the Elderly  
Fall, Spring. 3(2-2) Student in H M, O S T or other clinical program or approval of instructor. Interdepartmental with and administered 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. Interdepartmental with and administered by the College of Nursing.  
Health and adaptation of the aged individual experiencing the normative biopsychologic and psychosocial changes related to the aging process.

590. Special Problems in Community Medicine  
Fall, Winter, Spring, Summer. 1 to 8 credits. May reroll for a maximum of 20 credits. 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.