

BSC Behavioral Science

BSC 331 BEHAVIORAL FACTORS IN HEALTH AND DISEASE. (3)

The study of human behavior relating to health and disease and the organization of health care as a social system. Selected concepts from the psychological and social sciences are presented in a biobehavioral frame of reference and applied to the consideration of specific problems.

BSC 607 FOOD RELATED BEHAVIORS. (3)

This team-taught course will provide background in topics and methods in food related behaviors to students in Nutritional Sciences and other interested students. The course will follow a problem-based learning approach, and will consist of 3 out of 4 modules in any given year. The four modules will be Social and Cultural Perspectives on Food, Psychological Perspectives on Food and Food Behaviors, Challenges to Community Food Security, and International Issues in Nutrition. (Same as ANT 607, NFS 607, NS 607.)

BSC 620 ORIENTATION TO MEDICAL BEHAVIORAL SCIENCE. (1)

This course offers a structural exposure of students to the varieties of basic and clinical science research and current issues in health care policy under discussion at the University Medical Center. Following weekly attendance at research seminars and clinical rounds, students will present their observations in follow-up discussion groups. May be repeated to a maximum of three credits.

BSC 626 SURVEY OF HEALTH PSYCHOLOGY. (3)

A survey of the field of health psychology. It will explore the ways in which social and psychological research contribute to an understanding of health and illness behavior. Prereq: Graduate or professional standing and consent of instructor. (Same as PSY 626.)

BSC 645 ANTHROPOLOGY AND EPIDEMIOLOGY. (3)

This course will introduce students to the fundamentals of epidemiology, as the methodological approach, which underlies biomedical research, and will examine the ways that the methodologies of anthropology and epidemiology complement each other in the study of health and disease. The course will examine the points of similarity between anthropology and epidemiology particularly as regards the importance of examining sociocultural phenomena in order to better understand the origins of disease. The course will explore the tensions between anthropology and epidemiology in matters of methodology, exemplified by the debate over quantitative vs. qualitative approaches, as well as theoretical perspective. Prereq: Permission of instructor. (Same as ANT 645.)

BSC 745 RESEARCH METHODS IN MEDICAL BEHAVIORAL SCIENCE. (3)

This is an applied methods course which will review the various aspects of research and apply them to current medical behavioral studies. The different approaches used by the

behavioral and clinical sciences will be reviewed and demonstrated. Prereq: Any methods courses required for a Ph.D. in the department major.

**BSC 765 RESEARCH PROBLEMS
IN MEDICAL ANTHROPOLOGY. (3)**

(1) Advanced history and theory of medical anthropology; (2) research design, field work, analysis of data in medical anthropology. Prereq: Consent of instructor. (Same as ANT 765.)

BSC 766 CONCEPTS IN MEDICAL SOCIOLOGY. (3)

A review of sociological concepts and methods which have been applied to the study of health and medicine; the contributions of medical sociology to general sociological theory and to concepts and research on health-related problems of society. Prereq: Consent of instructor. (Same as SOC 766.)

**BSC 770 PSYCHOSOCIAL ISSUES
IN HEALTH AND AGING. (3)**

This course will focus on psychosocial issues related to the physical health and functioning of older adults. Topic areas include: theories of aging; age-appropriate research designs; age-related cognitive personality, social and family changes which influence physical health; health behavior and education of older adults; and selected chronic conditions, e.g. Alzheimer's disease, arthritis, depression, diabetes and stroke.

**BSC 772 TOPICAL SEMINAR IN MEDICAL
BEHAVIORAL SCIENCE. (1-3)**

Advanced study of selected topics of current importance in medical behavioral science. May be repeated to a maximum of six credits. Prereq: Consent of instructor.

BSC 773 PSYCHOSOCIAL ONCOLOGY. (3)

This course will introduce the student to the field of psychosocial oncology. Historical and recent developments in the application of behavioral science knowledge and methodology to the understanding and treatment of cancer and the cancer patient will be examined. The role of psychosocial factors in the etiology, prevention, and treatment of cancer will be explored. Emphasis will be placed upon the interaction of biological, psychological, and social factors throughout the course of cancer. Prereq: Graduate standing.

**BSC 774 FOOD AND FOOD SECURITY
IN A CHANGING WORLD. (3)**

This cross-cultural seminar explores the biocultural interactions among food, human biology, and the social, cultural, political and economic factors that shape food-related behaviors and nutritional status of populations. Topics include the social role of food, food beliefs and ideology, the political economy of malnutrition, development strategies and food security, and methods in nutritional anthropology research. Readings and discussions are research focused and approach issues from a variety of theoretical perspectives. Prereq: ANT 601 or consent of instructor. (Same as ANT 774.)

BSC 776 SEMINAR IN DEPENDENCY BEHAVIOR. (3)

The course is designed to explore theories of dependency behavior by examining the concept of dependency as it can be applied to the study of various phenomena including alcohol use and abuse; dependence on other psychoactive substances; institutional dependency; dependency in work settings; and poverty and welfare. Prereq: Consent of instructor. (Same as ANT/PSY/SOC 776.)

**BSC 777 SEMINAR IN MENTAL ILLNESS
CONCEPTS, RESEARCH AND POLICY. (3)**

Advanced study of contemporary concepts of mental health and mental illness, and their historical development; major forms of response to mental illness. Prereq: Consent of instructor. (Same as SOC 777.)

**BSC 779 BEHAVIORAL FACTORS
IN DEATH AND DYING. (3)**

Behavioral concepts are examined which explain reactions of individuals, collectivities and social institutions to the phenomenon of death. Prereq: Consent of instructor.

BSC 782 WOMEN'S HEALTH AND AGING. (3)

This class explores the issues related to health and well-being among older women. Using a multidisciplinary approach that blends humanities, social and medical science and public policy, the course examines social, economic and cultural contexts of chronic physical and mental health. Prereq: Upper level/graduate class in social science. (Same as GRN 782.)

BSC 785 COMPARATIVE HEALTH CARE SYSTEMS. (3)

This seminar will focus on concepts, issues, and research pertaining to health care systems in comparative perspective. It will deal with the following questions. (1) What are the core analytical dimensions of a health care system? (2) How do health care systems connect with the other institutional domains of a society, with its value-system, and with its major cultural and historical trends? and (3) Within the health care system, how are the main constituents of modern medicine related to each other? Prereq: Consent of instructor. (Same as SOC 785.)

**BSC 790 RESEARCH IN MEDICAL
BEHAVIORAL SCIENCE. (1-6)**

Individually directed research and reading in particular aspects of medical behavioral science under the supervision of one or more members of the faculty. May be repeated to a maximum of 12 hours. Prereq: Consent of instructor.

BSC 810 PHYSICIANS, PATIENTS, AND SOCIETY I. (4)

In small groups, students and their assigned preceptors will study written clinical scenarios. Students will investigate, contemplate, comprehend, and discuss biological, clinical, psychological, economic, social, legal, and ethical issues concerning the

problem-based histories. Prereq: Admission to Medical School (first year). (Same as MD 810.)

BSC 814 PATIENTS, DENTISTS AND SOCIETY I. (1)

This course aims to orient the student to the place health and health professions play in modern cultures. Recognition of their own social assumptions and values and those of persons of different backgrounds is encouraged. Understanding, predicting, and changing dental patient behavior from a social standpoint is emphasized. (Same as CDE 814.)

BSC 820 PATIENTS, PHYSICIANS, AND SOCIETY II. (5)

In this course, students will approach written clinical scenarios with initiative by researching, gathering, and selecting materials to produce resource packets within and for their tutorials. Students will be challenged with complex ethical, legal, social, psychological, economic and biological issues. Prereq: Admission to second year of medical curriculum. (Same as MD 820.)

**BSC 825 SECOND-YEAR ELECTIVE,
BEHAVIORAL SCIENCE. (1-4)**

With the advice and approval of his or her faculty adviser, the second-year student may choose approved electives offered by the Department of Behavioral Science. The intent is to provide the student an opportunity for exploration and study in an area which supplements and/or complements required course work in the second-year curriculum. Pass-fail only. Prereq: Admission to second-year medical curriculum and approval of adviser.

**BSC 850-899 FOURTH-YEAR ELECTIVE
FOR MEDICAL STUDENTS. (1-6)**

With the advice and approval of the faculty adviser and the Student Progress and Promotions Committee, the fourth-year student may choose approved electives offered by the various departments in the College of Medicine. The intent is to provide the student an opportunity to develop his fund of knowledge and clinical competence. Prereq: Admission to the fourth year, College of Medicine and/or permission of the Student Progress and Promotions Committee.

Approved elective:

BSC 850 ELECTIVE IN BEHAVIORAL SCIENCE