

# Course Catalog - Fall 2008

## Community Health

100 **Contemporary Health** credit: 3 hours.

Examines concepts of health and health promotion in contemporary society with emphasis on a healthy lifestyle for individuals and groups. Topics include self care, health insurance, exercise, nutrition and weight control, sexuality, contraception, tobacco, alcohol, cardiovascular health, infectious diseases, and cancer.

*This course satisfies the General Education Criteria for a UIUC Social Sciences course.*

101 **Introduction to Public Health** credit: 3 hours.

Introduction to the nation's public health system; includes an overview of the basic concepts and core functions of public health practice, the scope of applications, and the variety of service organizations (both public and private) that shape public health.

*This course satisfies the General Education Criteria for a UIUC Social Sciences course.*

111 **Professional Seminar** credit: 1 hours.

Orientation to department; current views and issues in health fields; career opportunities; and related topics. Approved for both letter and S/U grading.

140 **Health Advocate I** credit: 2 hours.

An overview of current college student health issues and concerns, knowledge of the University of Illinois health care delivery system and an understanding of medical self care; develops skills in communication and referral techniques enabling students to be advocates for members of their living units. Approved for both letter and S/U grading.

141 **Health Advocate II** credit: 1 hours.

Provides the opportunity to utilize knowledge of college health issues and concerns, and communication skills in coordinating health promotion programming for members of their living units. May be repeated to a maximum of 3 hours. Approved for both letter and S/U grading. Prerequisite: CHLH 140.

199 **Undergraduate Open Seminar** credit: 1 to 5 hours.

Approved for both letter and S/U grading. May be repeated up to a maximum of 10 hours.

200 **Mental Health** credit: 2 hours.

Introduction to the science of mental health and illness including personality development, the genesis and manifestations of mental illness, and the maintenance of mental health; taught with an emphasis on the preventive and medical aspects of mental health.

201 **Health Informatics** credit: 2 hours.

Summarizes utilization of computer technology in key health care functions and introduces students to principles and evaluation of electronically supported health information. Students are required to complete a series of web site assessments with health information and compose and post their own health information web page.

206 **Human Sexuality** credit: 2 hours.

Emphasizes the behavioral aspects of human sexuality. Topics include: birth control; prenatal care, pregnancy and childbirth; sex roles; premarital sex; lifestyles; marriage and divorce.

210 **Community Health Organizations** credit: 2 hours.

Overview of institutions and agencies which provide health information, education, services, and care. Includes historical foundations, constituencies, organizational goals and structure, funding and expenditures, modes of service delivery, political and ethical issues.

243 **Drug Use and Abuse** credit: 2 hours.

Introduction to the biological, psychological, pharmacological, and legal aspects of drug use and abuse; surveys

community and university resources concerned with drug use and abuse; emphasizes personal and social actions for responsible drug use.

244 **Health Statistics** credit: 3 hours.

Introduction to biostatistics. Students learn concepts necessary to understand statistical inference as applied to health issues.

*This course satisfies the General Education Criteria for a Quant Reasoning I course.*

245 **Disability and Popular Culture** credit: 3 hours.

Overview of the major issues confronting health care systems from a macro perspective. Identification and analysis of the functions, major participants and trends in health care systems in the United States and abroad. Attention is directed at current and emerging issues having implications for health care systems in industrialized nations.

250 **Health Care Systems** credit: 3 hours.

Overview of the major issues confronting health care systems from a macro perspective. Identification and analysis of the functions, major participants and trends in health care systems in the United States and abroad. Attention on current and emerging issues having implications for health care systems in industrialized nations.

260 **Introduction to Medical Ethics** credit: 3 hours.

Course stresses normative bioethics: decisions about what is ethical behavior in a variety of real and practical issues. Analysis of medical ethical cases at the individual, community and wider national and international levels will be addressed. Approved for both letter and S/U grading.

*This course satisfies the General Education Criteria for a Hist&Philosoph Perspect course.*

274 **Introduction to Epidemiology** credit: 3 hours.

Basic concepts and methods of epidemiology; patterns of disease occurrence; applications of epidemiology to health education, health services administration and planning, health policy, and environmental health.

*This course satisfies the General Education Criteria for a Quant Reasoning I course.*

304 **Foundations of Health Behavior** credit: 4 hours.

Examination of the application of the social and behavioral sciences to health and health behavior. Psychological, social psychological, and sociological approaches to health behavior are analyzed. Topics covered include development of health attitudes and behaviors, perceptions of health and illness, methods of changing health behavior and patient-provider interaction. Prerequisite: CHLH 100, or consent of instructor; completion of the campus Composition I requirement.

*This course satisfies the General Education Criteria for a Behavioral Sciences, and Advanced Composition course.*

314 **Introduction to Aging** credit: 3 hours.

A multidisciplinary introduction to the study of aging; the social, psychological and physiological context of changing roles in later life; public and private policies that affect older people and their families. Same as HDFS 314, RST 314, PSYC 314, and REHB 314.

330 **Disability in American Society** credit: 3 hours.

Same as REHB 330. See REHB 330.

*This course satisfies the General Education Criteria for a UIUC Social Sciences course.*

336 **Tomorrow's Environment** credit: 3 hours.

Same as CPSC 336 and ENVS 336. See CPSC 336.

340 **Health Promotion Practicum** credit: 3 hours.

Preparation and presentation of lifestyle workshops to campus community groups. Practica selected from one or more of the following topics: chemical education, sexuality, stress management or campus acquaintance rape education (CARE). Approved for both letter and S/U grading. May be repeated to a maximum of 6 hours.

Prerequisite: Junior standing or consent of instructor.

380 **Orientation to Internship** credit: 1 hours.

Provides students with information concerning placement in internship. Topics include internship requirements; student responsibilities; preparation of resumes and cover letters; selecting an organization or site; interviewing; issues of professional development. Approved for both letter and S/U grading. Prerequisite: Junior standing.

390 **Honors** credit: 2 hours.  
Same as KIN 390 and RST 390. See KIN 390.

393 **Special Projects** credit: 2 or 3 hours.  
Special projects in research and independent investigation in any phase of health, kinesiology, recreation, and related areas selected by the students. May be repeated to a maximum of 8 hours.

404 **Gerontology** credit: 3 or 4 hours.  
Interdisciplinary approach to the study of aging and the aged from developmental, behavioral, and social perspectives. Same as HDF5 404. Prerequisite: Senior standing.

407 **Disability, Culture & Society** credit: 3 or 4 hours.  
Examines the cultural and social contexts of disability, their consequences for the experience and management of disability, and implications for cultural competence in disability-related research and practice. Same as ANTH 404, KIN 407, and REHB 407.

409 **Women's Health** credit: 3 hours.  
Examines the culture of women in relationship to their health. Study is devoted to selected health care issues, developmental and physiological changes in the life cycle, health problems that affect women, and the maintenance of health. Same as GWS 409. Prerequisite: CHLH 100 or equivalent; or consent of instructor.

410 **Public Health Practice** credit: 4 hours.  
Theory and practice of public health promotion as they relate to educational approaches in solving community health problems. Prerequisite: CHLH 210 or consent of instructor.

421 **Health Data Analysis** credit: 3 or 4 hours.  
Introduces health data analysis, sources and uses of health data, collection techniques and classification procedures, commonly used health indices, techniques of rate adjustment, graphic presentation of data as they relate to the planning, conducting, and evaluating of community health programs. Prerequisite: Quantitative Reasoning I course or equivalent.  
***This course satisfies the General Education Criteria for a Quant Reasoning II course.***

429 **Research Techniques** credit: 4 hours.  
Study of the ethics of research, research literature, research designs, and health measurement techniques utilized in the public health sciences. Emphasizes developing skills in analyzing research and assessment of health behaviors, and problem identification and research design for individual student research projects. Prerequisite: CHLH 590, or SOC 485, or EPSY 480; or equivalent.

439 **Health Applications of GIS** credit: 3 hours.  
Same as GEOG 439 and PATH 439. See PATH 439.

448 **Exercise & Health Psychology** credit: 3 or 4 hours.  
Same as KIN 448. See KIN 448.

455 **Health Services Financing** credit: 3 hours.  
Examines major topics and emerging trends in health financing, including sources of revenue, public and private financing organizations, reimbursement and sources of revenue to health providers, and capital financing in the health care industry. Prerequisite: Junior standing.

456 **Organization of Health Care** credit: 2 to 4 hours.  
Examines types and performance of health care organizations (e.g. , doctors' offices, clinics, hospitals, and nursing

homes), networks of health services, evaluation of health care, and social policy issues relating to organizations in the U. S. health care system. Same as SOC 476.

457 **Health Planning** credit: 3 hours.

Survey of the history and objectives of health planning as related to medical care delivery in the United States; methods of health, institutional and community planning; planning and marketing concepts and methods; analysis of consumer behavior, public policies, and private competitive forces. Same as SOCW 457. Prerequisite: CHLH 250 and junior standing.

458 **Health Administration** credit: 3 hours.

Examines management principles relative to health care institutions emphasizing goal setting, decision making, system analysis, organizational structure, conflict resolution, and leadership theories. Prerequisite: Senior or graduate standing, or consent of instructor.

461 **Environmental Toxicology** credit: 3 hours.

Same as CPSC 435, ENVS 431, and IB 485. See IB 485.

469 **Environmental Health** credit: 3 or 4 hours.

Appreciation of the concepts and mechanisms used to prevent or control environmental conditions that may lead to infectious or other environmentally induced diseases. Presents topics from a public health perspective that include air pollution, water supply management, waste management, radiation protection, food hygiene, occupational health and disaster management. Same as ENVS 469. Prerequisite: CHLH 274 or equivalent.

474 **Principles of Epidemiology** credit: 4 hours.

The epidemiology and natural history of infectious and noninfectious diseases, including integrated vector control and host resistance; mental health and public health. Same as ENVS 474 and PATH 574. Prerequisite: One statistics course.

485 **Community Health Internship** credit: 8 hours.

Supervised field experience in official, voluntary and professional health agencies; designed to provide students with work experience in actual field situations. Students work in University approved health agencies for a minimum of 320 undergraduate hours. Approved for both letter and S/U grading. Prerequisite: Senior standing in Community Health.

494 **Special Topics** credit: 2 to 4 hours.

Lecture-discussion course in topics of current interest; see Schedule for specific subjects. May be repeated to a maximum of 8 hours. Prerequisite: Consent of instructor.

501 **Issues in Health Education** credit: 4 hours.

Analyzes current developments, trends, and controversies in health education with emphasis on developing student competencies for intervention planning, implementation and analyses; and examines issues affecting the health educator in various work settings, including patient care, public health, school health, and higher.

510 **Public Health Dev** credit: 4 hours.

Advanced study of the principles, practice and current issues of public health at the local, state, national and international levels, including the relationships between public health departments, voluntary health agencies, and other community organizations.

516 **Epidemiology Infectious Dis** credit: 3 hours.

Same as PATH 516. See PATH 516.

517 **Principle/Method Epidemiology** credit: 4 hours.

Same as PATH 517. See PATH 517.

527 **Statistics in Epidemiology** credit: 4 hours.

Description and application of quantitative issues and statistical techniques prominent in the analysis of classification data arising from epidemiologic cohort or case-control etiologic studies; studies of preventive public health; and therapeutic clinical interventions. Practice using available computing software for implementation is stressed. Same as ENV5 527 and PATH 525. Prerequisite: CHLH 474 and minimum of two statistics courses covering multiple regression and correlation.

529 ***Evaluation of Health Policies*** credit: 4 hours.

Overview of the theoretical and public policy foundations of program evaluation, qualitative and quantitative methods of program evaluation (including needs assessment, program monitoring, and outcome evaluation), and applications in the public health and social welfare sectors. Extensive work outside of class on evaluation project required. Prerequisite: CHLH 429 or equivalent graduate research methods course recommended.

540 ***Health Behavior: Theory*** credit: 4 hours.

Analysis of social science theories and perspectives that comprise the foundation of health education theory and practice. Includes development of a conceptual frame of reference for understanding, predicting, and facilitating change in health behaviors. Prerequisite: Graduate standing.

550 ***Health Policy: United States*** credit: 4 hours.

Comprehensive analysis of the policy process in health care in the United States; systematic and critical review of health policy development, implementation, and evaluation; impact of government at all levels and the role of providers, industry, labor, and consumer in health policy. Prerequisite: Admission to graduate program in community health or the MBA Administration Program; CHLH 429; or consent of instructor.

560 ***Spatial Epidemiology*** credit: 4 hours.

Same as GEOG 560 and PATH 560. See PATH 560.

571 ***Epidemiology and the Media*** credit: 1 or 2 hours.

Same as PATH 671. See PATH 671.

574 ***Seminar in Epidemiology*** credit: 4 hours.

Discussion of advanced topics in epidemiologic methods and research. Prepares students for thesis or dissertation research through study of selected literature and the completion of a research paper. Prerequisite: CHLH 474 or equivalent.

578 ***Applied Epidemiology*** credit: 4 hours.

Advanced epidemiologic analysis of disease problems. Covers research designs including cohort, case-control, and intervention trials; methods of analysis including multivariate adjustment for confounding and description of effect modification; and application of statistical computer software with emphasis on chronic diseases. Same as VP 520. Prerequisite: CHLH 474, VP 517, or equivalent and advanced course work in statistics through multivariate analysis.

585 ***Community Health Internship*** credit: 4 hours.

Observation, study, and practical work in student's area of specialization under supervision in professional field situations; student works for a minimum of 12 weeks in a University-approved agency or site. Prerequisite: CHLH 429, CHLH 474 and CHLH 510; or graduate standing in community health; or consent of the department.

590 ***Biostatistics*** credit: 4 hours.

Same as IB 592 and PATH 524. See PATH 524.

591 ***Seminar for Advanced Students*** credit: 2 hours.

Critical evaluation of theories and research studies in community health, emphasizing research methods and experimental design and analysis; and student presentations of thesis literature reviews and research procedures. May be repeated to a maximum of 4 hours. Prerequisite: Master's thesis.

593 ***Special Projects*** credit: 2 to 4 hours.

Independent research on special projects. May be repeated to a maximum of 8 hours. Prerequisite: EPSY 480, KIN

501, and CHLH 540 or equivalent.

594 **Special Topics** credit: 2 or 4 hours.  
Lectures on topics of current interest.

599 **Thesis Research** credit: 0 to 16 hours.  
Preparation of theses in community health. May be repeated to a maximum of 16 hours. Approved for S/U grading only.