Community Health Sciences (CHSC)

Courses

CHSC 400. Pub Hlth Concepts & Practice. 3 hours.
Introduction and overview of public health systems, including the philosophy, purpose, history, organization, functions, tools, activities, and results of public health practice. Course Information: Prerequisite(s): Graduate or professional standing; or approval of the department.

Provides grounding in the social and behavioral sciences to analyze public health issues, including individual, community, institutional, and societal factors influencing health and illness. Course Information: Prerequisite(s): Graduate or professional standing; or approval of the department.

CHSC 405. Leadership In PH Practice. 3 hours.
Utilizing public health core functions, this course explores leadership style and practice through case studies and techniques which enhance leadership development. Course Information: Same as HPA 405. Prerequisite(s): Graduate or professional standing; or approval of the department.

CHSC 411. Nutrition For Pub Hlth Profsnl. 3 hours.
Foundation course to introduce nutrition principles and their application to public health populations and problems. Course Information: Prerequisite(s): Graduate or professional standing; or approval of the department.

CHSC 419. PH, Sexuality & Women's Hlth. 3 hours.
An overview of human sexuality from a public health perspective with special emphasis on family planning, sexuality and behavioral effects on women's health. Course Information: Same as GWS 419. Prerequisite(s): Graduate or professional standing; or approval of the department.

CHSC 421. Community Health 1. 4 hours.
Provides an introduction to theory and methods for community health assessment, promotion, and improvement. Course Information: Credit is not given for CHSC 421 if the student has credit in CHSC 431 or CHSC 480. Field work required. Prerequisite(s): Credit or concurrent registration in IPHS 401 and credit or concurrent registration in IPHS 402. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CHSC 422. Community Health 2. 4 hours.
Provides an introduction to quantitative, qualitative and mixed research methods which are applied in planning, implementing, and evaluating evidence-informed community health interventions and policies. Course Information: Credit is not given for CHSC 422 if the student has credit for 433 or CHSC 446. Field work required. Prerequisite(s): CHSC 421 and Credit or concurrent registration in IPHS 403. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CHSC 423. Community Health 3. 4 hours.
Emphasizes critical thinking, communication and professional development skills for public health practice and prepares students to complete an integrative individual capstone project. Course Information: Prerequisite(s): CHSC 421 and CHSC 422.

CHSC 425. Public Health And Aging. 3 hours.
Introduction to public health issues related to aging, including psychosocial and physical dimensions of the aging process and interactions between the elderly and the health care system. Course Information: Graduate or professional standing; or consent of the instructor.

CHSC 430. Public Health Policy. 3 hours.
Frameworks and tools for understanding, developing and analyzing public health policy issues and processes. Course Information: Credit is not given for CHSC 430 if the student has credit for HPA 430. Prerequisite(s): CHSC 400; and graduate or professional standing; or approval of the department. MPH and Certificate students in Community Health Sciences will have priority in registration.

CHSC 431. Community Assessment. 3 hours.
An introduction to community assessment in support of community health improvement activities, including: concepts methods and models of community health assessment and improvement. Course Information: Prerequisite(s): Credit or concurrent registration in CHSC 400; and graduate or professional standing; or approval of the department. MPH and Certificate students in Community Health Sciences will have priority in registration.

CHSC 433. PH Planning & Evaluation. 3 hours.
Planning, implementation and evaluation of community health programs, including proposal development and evaluation and considerations for community/consumer involvement throughout the process. Course Information: Prerequisite(s): Credit or concurrent registration in BSTT 400 and Credit or concurrent registration in CHSC 431 and Credit or concurrent registration in CHSC 480; and graduate or professional standing; or approval of the department. MPH and Certificate students in Community Health Sciences will have priority in registration.

CHSC 434. Qualitative Methods In PH. 3 hours.
Introduction to major methods and techniques used in qualitative research (observation, participant observation, in-depth interviews, focus groups); includes field and in-class exercises, and introduces computer-assisted qualitative data analysis. Course Information: Prerequisite(s): CHSC 421 and credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 436. Res Meths In Comm Hlth. 3 hours.
Principles and techniques for scientific investigation of problems in public health research and practice. Course Information: Prerequisite(s): CHSC 421 and Credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 447. Survey Planning & Design. 3 hours.
Theory and applications of sample survey planning and design for conducting research in health sciences and related fields. Addresses three major topics: survey design and planning, sampling, and data collection procedures. Course Information: Same as PA 447. Prerequisite(s): CHSC 421 and credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 456. Wmn Hlth:Prim Hlth Care Apprch. 3 hours.
Health promotion and disease prevention in women's health. Includes community experience with community women. Primary health care approaches examined. Course Information: Same as NUEL 456. Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.
CHSC 460. Public Hlth Preparedness & Res. 3 hours.
Provides an overview of and introduction to public health emergency preparedness concepts and practice. Course Information: Same as EOHS 406. Prerequisite(s): Graduate or professional standing.

CHSC 461. PH Preparedness Assessment. 4 hours.
Focuses on analytic skills and assessment tools used in public health emergency preparedness and response activities.

CHSC 462. PH Preparedness Management. 4 hours.
Focuses on the management of public health emergency preparedness and response activities.

CHSC 464. Survey Develop Disabilities. 3 hours.
Survey of the developmental disabilities field, including basic definitions, history of DD services, relevant public policies and legislation, service delivery systems, and research. Course Information: Same as DHD 464. Prerequisite(s): Graduate standing or consent of the instructor.

CHSC 470. Rural Health Systems & Policy. 3 hours.
Introductory survey course focusing on rural health systems and rural health policy from an interdisciplinary perspective. Course Information: Prerequisite(s): Credit or concurrent registration in CHSC 400; and Credit or concurrent registration in EPID 403 or Credit or concurrent registration in EPID 400. Recommended Background: Experience or interest in rural public health practice.

CHSC 480. Hlth Educ & Hlth Promotion. 3 hours.
Application of theories of health education and health promotion for individual, group, and community-level behavior change. Course Information: Prerequisite(s): Consent of the instructor. Recommended background: For CHSC students, CHSC 401 is recommended as a prerequisite.

CHSC 485. Communicatn Mass Media & PH. 3 hours.
Examines the development, theoretical basis, and applications of mass media strategies in public health. Course Information: Prerequisite(s): CHSC 421 and credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 494. Special Topics- Comm Hlth Sci. 1-4 hours.
Study of topics in maternal and child health, gerontology, behavioral science of health and illness, international health, community health and public health practice. Course Information: May be repeated. Students may register in more than one section per term. Topics vary by semester. Prerequisite(s): Consent of the instructor. Restricted to graduate or professional standing, or consent of the instructor.

CHSC 500. Proseminar In Comm Hlth Sci. 3 hours.
Analysis of current key literature from behavioral sciences, maternal and child health, gerontology, general and miscellaneous fields of community health sciences. Course Information: Prerequisite(s): CHSC 400 and 8 semester hours in student's major field.

CHSC 510. Health across Life. 3 hours.
Introduces key theoretical frameworks, measurement tools, and relevant datasets needed to understand and describe the health status of women, children, and families at the individual and population/community level. Course Information: Prerequisite(s): Graduate or professional standing; or approval of the department. Recommended background: Enrollment in the Master of Public Health or other graduate program.

CHSC 511. MCH Delivery Systems. 4 hours.
Overview of structure, funding, and evidence base for maternal and child health (MCH) service delivery systems at the federal, state and local levels. Students are directly exposed to service delivery systems through field-based experiences. Course Information: Prerequisite(s): CHSC 510 and CHSC 421 and credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department. Recommended background: Enrollment in the Master of Public Health or other graduate program. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CHSC 512. Evidence Translation MCH. 3 hours.
Using a life span approach within an ecological framework, examines evidence and its translation in maternal and child health (MCH) in terms of underlying theories, program and policy implementation, evaluation, and advocacy. Course Information: Prerequisite(s): Graduate or professional standing; or consent of the instructor. Recommended Background: CHSC 510 and CHSC 511 and CHSC 543.

CHSC 514. Nutritional Epidemiology. 3 hours.
Examination of nutritional epidemiological techniques used in the design of population-based nutrition research. Students develop research proposals using nutritional assessment, epidemiology and research skills. Course Information: Prerequisite(s): CHSC 411 and EPID 403; and graduate or professional standing; or approval of the department.

CHSC 518. Pediatric Epidemiology. 3 hours.
Provides students with experience in pediatric epi through review of seminal studies and available child health data. Condition-specific lectures include discussions of study design and methodological considerations specific to studying children. Course Information: Same as EPID 518. Extensive computer use required. Prerequisite(s): EPID 404 and EPID 406 and BSTT 401; and graduate or professional standing; or consent of the instructor. Recommended background: EPID 501.

CHSC 526. Family Perspect on Disability. 3 hours.
Examines trends, theories and research methods, policies, and family centered intervention approaches for families of persons with disabilities. Course Information: Same as DHD 526. Prerequisite(s): Consent of the instructor.

CHSC 527. Long Term Care Policy. 3 hours.
Examines the policy process and policy implications affecting the organization, financing, delivery, and utilization of long-term care services. Course Information: Prerequisite(s): CHSC 421 and CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 528. Health, Aging, Life Course. 3 hours.
Analysis of health, aging and health care issues from life course perspectives, including the application of concepts, theories and methods from both sociology and public health. Course Information: Same as SOC 528. Prerequisite(s): Graduate or professional standing; or approval of the department.

CHSC 529. Gerontol Health/Illness Behav. 3 hours.
Overview of perceptions and behaviors of older adults are examined in reference to illness prevention, health promotion and reactions to acute and chronic illness. Course Information: Prerequisite(s): CHSC 425; and graduate or professional standing; or approval of the department.
CHSC 534. Qualitative Data Analysis. 3 hours.
Emphasizes conceptual and technical skills for organizing and analyzing qualitative (textual) data from focus groups, in-depth interviews and other sources, using specialized text-analysis computer software. Course Information: Extensive computer use required. Fieldwork required. Prerequisite(s): CHSC 434; and graduate or professional standing; or approval of the department.

CHSC 543. MCH Policy and Advocacy. 3 hours.
Examines the social, economic and political dynamics which influence the development and implementation of maternal and child health (MCH) policy and US health policy in general. Course Information: Prerequisite(s): CHSC 421 and credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 544. Adolescents & Young Adults. 3 hours.
Health and social development of the adolescent and young adult populations and special subgroups (e.g. parenting, homeless) are reviewed from a critical pedagogy and public health science perspective. Course Information: Same as SOCW 546. Prerequisite(s): CHSC 421 and Credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department. Recommended background: Research, policy and/or practice and interest in adolescence and youth and in community development and intervention studies; ethnic/minority studies; education; health and social/human service professions.

CHSC 545. Reproductive & Perinatal Hlth. 3 hours.
Examines the epidemiology of key reproductive and perinatal health outcomes and cutting edge research issues. Course Information: Same as EPID 545. Prerequisite(s): BSTT 400 and EPID 403; and graduate or professional standing; or approval of the department.

CHSC 547. PH Maternal/Child Nutr. 2 hours.
Advanced seminar course integrating roles and applications of nutrition for maternal and child populations. Course Information: Prerequisite(s): CHSC 411 or CHSC 510; and graduate or professional standing; or approval of the department.

CHSC 548. Reproductive/Perinatal Epid. 3 hours.
Advanced seminar in reproductive/perinatal epidemiology with particular emphasis on methodological issues. Course Information: Same as EPID 548. Prerequisite(s): CHSC 510 and EPID 403 and EPID 404; and graduate or professional standing; or approval of the department. Recommended background: Maternal and child health and epidemiology.

CHSC 549. Advanced MCH Epi Methods. 3 hours.
Gives conceptual and technical understanding of statistical and epidemiological methods, builds skills/proficiency in applying these. Attention is given to data handling tasks and to statistical/epidemiologic strategies for analysis and presentation. Course Information: Same as EPID 549. Prerequisite(s): EPID 402 or EPID 404; and BSTT 401 and EPID 406; or consent of the instructor. Recommended background: Credit or concurrent registration in EPID 501.

Examines health from diverse perspectives and analyzes processes central to community health practice. Course Information: Prerequisite(s): Open only to Ph.D. degree students; or approval of the department.

CHSC 551. Foundations of PH Inquiry. 3 hours.
Examines research paradigms, precepts of theory development, literature synthesis, and ethical principles in order to enhance the scholarliness and meaningfulness of public health inquiry. Course Information: Prerequisite(s): Open only to Ph.D. degree students; or approval of the department.

CHSC 553. Family Planning. 2 hours.
Overview and analysis of family planning concepts, including contraceptive and abortion methods, and the policies that affect their implementation. Course Information: Prerequisite(s): CHSC 400 and EPID 403 and BSTT 400; and graduate or professional standing; or approval of the department.

CHSC 554. Intl Women's Health. 3 hours.
Examines current and emerging women's health issues globally with an emphasis on studying social and cultural factors affecting women's physical and psychosocial health. Course Information: Prerequisite(s): Graduate or professional standing; or approval of the department.

CHSC 556. Neighborhoods and Health. 3 hours.
This interdisciplinary seminar explores theories and empirical evidence regarding the mechanisms by which neighborhoods affect health and contribute to health disparities. Course Information: Same as NUEL 563. Prerequisite(s): Graduate or professional standing and an introductory graduate-level statistics course.

CHSC 557. Queer Public Health. 3 hours.
Examines the health of sexual minorities - lesbian, gay, bisexual, transgender, and queer (LGBTQ) populations, including psycho-social, political, and health system forces that shape the health experience and needs of this population. Course Information: Prerequisite(s): CHSC 421 and Credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 577. Survey Questionnaire Design. 3 hours.
Concepts and strategies for developing survey questionnaires for various modes of survey data collection. Course Information: Same as PA 577. Prerequisite(s): CHSC 421 and credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 578. Questionnaire Design Practicum. 3 hours.
An applied, hands-on experience developing and evaluating a survey questionnaire in collaboration with a local not-for-profit or governmental agency. Course Information: 3 hours. Students who have minimal or no prior training in questionnaire design are required to complete remedial preparation. Students must be flexible to meet at alternate times and alternate locations, including off-campus. This course does not satisfy the requirement for the MPH field experience (IPHS 650). Prerequisite(s): Graduate or professional standing; and consent of the instructor and CHSC 447 or the equivalent. Recommended background: Prior training or experience in survey research methodology. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.
CHSC 584. Community Organizing For Hlth. 3 hours.
Focuses on facilitating community organizing processes in health promotion including theories, field work tools, feminist and international perspectives. Course Information: Field work required. Prerequisite(s): CHSC 480; and graduate or professional standing; or approval of the department.

CHSC 586. Health Behavior Intervent. 3 hours.
Examines advanced concepts and strategies for the development, implementation, and evaluation of public health interventions to change health behaviors. Course Information: Prerequisite(s): CHSC 480 and credit or concurrent registration in CHSC 446; and graduate or professional standing; or approval of the department.

CHSC 587. Theories of Health Behavior. 3 hours.
An advanced course in theories of health behavior with an emphasis on integrative applications of health behavior theories to specific populations, settings, and areas of health. Course Information: Prerequisite(s): CHSC 480; and graduate or professional standing; or approval of the department.

CHSC 588. Research Synthesis. 3 hours.
Examines recent developments in research synthesis in the behavioral, social, and medical sciences. Course Information: Prerequisite(s): CHSC 480 and CHSC 446; and graduate or professional standing; or approval of the department.

CHSC 594. Adv Special Topics CHS. 1-4 hours.
Advanced study of topics in community health, including maternal and child health, gerontology, behavioral science of health and illness, international health, community health, and public health practice. Course Information: May be repeated. Students may register in more than one section per term. Topics vary by semester. Prerequisite(s): Graduate or professional standing; or approval of the department. Recommended background: Advanced placement in graduate program.

CHSC 595. Seminar In CHS. 1-3 hours.
Seminar course addressing contemporary issues in community health sciences research and approaches to professional development. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Topics vary by seminar. Prerequisite(s): Graduate or professional standing; or approval of the department. Recommended background: Advanced placement in graduate program.