Community Health Sciences (CHSC)

Courses

CHSC 411. Nutrition for Public Health Professionals. 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. Public Health Aspects of Sexuality and Women's Health. 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: Assessing, Promoting and Improving Community Health. 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: Evidence-Informed Community Health Interventions. 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: Professional Development for Public Health Practice. 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 430. Public Health Policy and Advocacy. 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 433. Public Health Planning and 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 BSTTT 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. Introduction to Qualitative Methods in Public Health. 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 446. Research Methods in Community Health. 3 hours.
Principles and techniques for scientific investigation of problems in public health research and practice. Course Information: Prerequisite(s): CHSC 421 and CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 447. Survey Planning and 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. Women's Health: A Primary Health Care Approach. 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 Health Emergency Preparedness and Response. 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.

Focuses on analytic skills and assessment tools used in public health emergency preparedness and response activities.

CHSC 462. Public Health Emergency Preparedness and Response Management. 4 hours.
Focuses on the management of public health emergency preparedness and response activities.

CHSC 464. Survey of Developmental 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 485. Communications, Mass Media and Public Health. 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 in Community Health Sciences. 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 510. Women, Children, and Family Health across the 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: Services, Programs, and
Policies. 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. Translating Evidence for MCH Practice. 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 518. The Epidemiology of Pediatric Diseases. 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 524. Health and Aging. 3 hours.
Examines aging at individual and population levels from public health and
life course perspectives, and provides an overview of formal and informal
care systems for older adults in the US, taking global perspectives.
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 526. Family Perspectives 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. Critical Issues in 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. Societal Analysis of Aging, Health and the 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 534. Management and Analysis of Qualitative Data. 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. Public Health Approaches with Adolescents and 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 544. Public Health Approaches to Maternal and Child
Nutrition. 2 hours.
Advanced seminar course integrating roles and applications of nutrition
for maternal and child populations. Course Information: Same as EPID 547. Prerequisite(s): IPHS 402; and graduate or professional
standing; or approval of the department.

CHSC 548. Readings in Reproductive and Perinatal Epidemiology. 3
hours.
Advanced seminar in reproductive/perinatal epidemiology with
particular emphasis on methodological issues. Course Information:
Same as EPID 548. Prerequisite(s): CHSC 511 and EPID 402 and
EPID 404; and graduate or professional standing; or approval of the
department. Recommended background: Maternal and child health and
epidemiology.
CHSC 549. Advanced Applied Methods in MCH Epidemiology. 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.

CHSC 550. Advanced Concepts in Community Health Sciences. 3 hours.
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 Public Health 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: Policies and Practices. 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 511 and BSTT 400; and graduate or professional standing; or consent of the instructor.

CHSC 554. International Women's Health: Current and Emerging Issues. 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. Community Integration in Developmental Disabilities. 3 hours.
Historical and contemporary issues pertaining to the empowerment and integration of persons with developmental disabilities into community settings. Course Information: Same as DHD 564.

CHSC 557. Queer Public Health: Multidisciplinary Perspectives on Sexual Minoritiesâ€™ 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 557. 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 558. Community Organizing for Health. 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 559. Understanding Community Health Practice. 3 hours.
Examines health from diverse perspectives and analyzes processes central to community health practice. 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 560. Health Behavior Interventions. 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 561. 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 421 and CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 562. Research Synthesis and Meta-Analysis. 3 hours.
Examines recent developments in research synthesis in the behavioral, social, and medical sciences. Course Information: Prerequisite(s): CHSC 421 and CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 563. 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 564. Advanced Special Topics in Community Health Sciences. 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 565. Seminar in Community Health Sciences. 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.