

COLORADO SCHOOL OF PUBLIC HEALTH
UNIVERSITY OF NORTHERN COLORADO COURSE HANDBOOK*
2008-2009

BIostatISTICS

- SRMS 6170 Biostatistics and Health Data Analysis 3.0 cr.
Prerequisite: SRM 600 or equivalent. Students will gain an understanding of biostatistical methods. This course enables students to develop the skills and knowledge necessary to manage and analyze health care and biomedical data.
- SRMS 6000 Introduction to Graduate Research 3.0 cr.
Principles of research, design and analysis. Read and critique published research. Required of all first year graduate students except in those departments with substitutes. Taught every semester.

COMMUNITY AND BEHAVIORAL HEALTH

- CHBH 5090 Seminar in Health Behavior 3.0 cr.
Review theories of behavior and behavior change as they relate to current health issues. Health behavior change models will be examined and applied.
- CHBH 5300 Seminar in Health Promotion Strategies 3.0 cr.
Prerequisites: CH 509, CH 560 or consent of instructor. Examines the effectiveness of a wide range of strategies used in health promotion/disease prevention programs. Current literature/programs are presented and reviewed.
- CHBH 5600 Scientific Foundations of Health Promotion/Disease Prevention 3.0 cr.
Examine epidemiological, physiological and intervention studies from the USA and other countries to develop a scientific basis for health promotion and disease prevention.
- CHBH 6100 Program Planning and Evaluation 3.0 cr.
Prerequisite: CH 530 or consent of instructor. Theories and practices of program planning and evaluation including needs assessment, planning approaches, selection of strategies, data collection and analysis, evaluation design, program implementation and utilization of evaluation data.
- HRSS 6100 Interpretation and Evaluation of Behavioral Research 3.0 cr.
Understanding of applications of appropriate statistical techniques and necessary skills for interpretation and evaluation of research in human services. Emphasizes basic concepts, design and utilization of behavioral research.

ENVIRONMENTAL AND OCCUPATIONAL HEALTH

- CHBH 5500 Environmental Health 3.0 cr.
Investigate and discuss the relationships of environmental health problems to human health and welfare. Include sources of these problems, their recognition and control and current research studies.

EPIDEMIOLOGY

- CHBH 6200 Epidemiology 3.0 cr.
Prerequisite: SRM 617. Epidemiological principles analyzed with an emphasis on selected topical issues, infectious and chronic/degenerative diseases, research design and analysis. Practical applications of statistical and epidemiological methods.

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HEALTH SYSTEMS, MANAGEMENT AND POLICY

- CHBH 5400 Principles of Health Program Management 3.0 cr.
Prepares students to assume a supervisory role in the management of health and human services programs. Course covers planning, decision-making, organization, budgeting, marketing, human resource management, leadership.
- CHBH 6250 Public Health Administration and Policy 3.0 cr.
Analyze the organization and administration of public health agencies at national, state and local levels. Major public health problems, including administrative and policy decisions regarding their resolution, will be included.

PUBLIC HEALTH

- CHBH 5000 Stress Management 3.0 cr.
Exposes students to a holistic approach to stress management, with regards to both cognitive (coping) skills, and a host of relaxation techniques with the intention to prevent and/or alleviate the physical symptoms of stress and promote mind-body-spirit homeostasis.
- CHBH 5050 Health Communications and the Media 3.0 cr.
Focuses on the design, production, evaluation and acquisition of appropriate media and materials for health education/promotion programs.
- CHBH 5080 Workshop 1-3 cr.
A variety of workshops on special topics within the discipline. Goals and objectives will emphasize the acquisition of general knowledge and skills in the discipline. Repeatable, under different subtitles.
- CHBH 5100 International Health: Cross Cultural Comparisons 3.0 cr.
This class explores the multi-cultural aspects of health and international comparisons of various health indicators. Students will examine specific health problems, and the nature of health care delivery worldwide.
- CHBH 5980 Public Health Issues in Reproductive Health 3.0 cr.
An extensive, comprehensive elective designed to expose graduate students to the importance of reproductive health and the impact it has on public health issues.
- CHBH 6920 Graduate Internship 3-6 cr.
Prerequisites: CH 610 and consent of advisor. Supervised experience at a health agency that allows the student to put into practice knowledge and skills learned in the classroom. S/U graded. Repeatable, maximum of six credits.
- CHBH 6990 Thesis 1-6 cr.
Optional for Master of Public Health candidates in Health Education. Repeatable, no limitations.
- GERO 5550 Grant Development and Administration 3.0 cr.
Overview of proposal planning and grant development process. Application of skills in identifying funding options, program planning, proposal writing, budgeting and establishing controls for grant administration.

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