

# HLTH - HEALTH

## HLTH 605 Health Research Methods

**Credits 3. 3 Lecture Hours.** Designing and conducting health education and health promotion research including survey design, sampling, data collection, management and analysis. **Prerequisite:** Graduate classification.

## HLTH 606 Research Development and Multivariate Statistics for Health Education

**Credits 3. 3 Lecture Hours.** Introduction to SAS and single equation statistical modeling using the analytic frameworks of general linear models and latent variables; focus on exploration of multiple methods, developing research questions and determining the best method to utilize to answer the question; professional development skills related to identifying collaborators, negotiating authorship and preparation of a manuscript of publishable quality. **Prerequisite:** EPSY 640 or equivalent; approval of instructor.

## HLTH 607 International Health

**Credits 3. 3 Lecture Hours.** Health and health care delivery around the world; how various organizations are addressing global health concerns; includes emerging diseases, eradication of disease, global nutrition, family planning; emphasis on providing health information on a cross cultural environment. **Prerequisite:** Graduate classification.

## HLTH 609 Applied Epidemiology

**Credits 3. 3 Lecture Hours.** Principles and methods of epidemiology; epidemiologic investigation and research are discussed with emphasis on application of epidemiological methods to health promotion and disease prevention. **Prerequisite:** Graduate classification.

## HLTH 610 Health Assessment

**Credits 3. 3 Lecture Hours.** Concepts and procedures of health assessment, interpretation of health appraisal instruments; function of health assessment in health education, health promotion and wellness programs. **Prerequisite:** HLTH 425/PHLT 425 or course in statistics.

## HLTH 611 Organization and Administration of Health

**Credits 3. 3 Lecture Hours.** Organizing and management of public health education and health promotion programs; public health administration issues and management skills emphasized. **Prerequisite:** Graduate classification.

## HLTH 622 Issues and Trends in Health Education

**Credits 3. 3 Lecture Hours.** Background and development of health education as an applied science; current issues and trends in health education and their implications for health education.

## HLTH 630 Health Program Planning

**Credits 3. 3 Lecture Hours.** Public health education and promotion program planning including educational diagnosis, selection of educational strategies, program implementation and evaluation; using planning models. **Prerequisite:** Graduate classification.

## HLTH 631 Community and Public Health

**Credits 3. 3 Lecture Hours.** Community health problems; public health laws; national, state and local health agencies.

## HLTH 632 Health Program Evaluation

**Credits 3. 3 Lecture Hours.** Evaluation of public health education and promotion programs; overview of theory of program evaluation, methodology and application. **Prerequisite:** Graduate classification.

## HLTH 634 Women's Health

**Credits 3. 3 Lecture Hours.** Women's Health. Health and health care concerns of women; emphasis on importance of women's health issues to public health; identification of special concerns for planning and implementation of women's health programs. **Prerequisite:** Graduate classification.

## HLTH 635 Health Disparities and Equity

**Credits 3. 3 Lecture Hours.** Explore racial, ethnic, and cultural dimensions that underlie health and health disparities; special attention to culture, social economic status, and governmental policies as they influence the adaptations of health practices. **Prerequisite:** Graduate classification.

## HLTH 639 Behavioral Foundations of Health Education

**Credits 3. 3 Lecture Hours.** Theoretical and historical foundations of health behavior research: emphasis placed on understanding and predicting behavior, as well as facilitating behavior change programs through health education.

## HLTH 640 Health Intervention and Wellness

**Credits 3. 3 Lecture Hours.** Wellness as a concept and a process; systematic planning, implementation and evaluation of wellness programs and review of research relating to the efficacy of wellness programs and methods. **Prerequisite:** HLTH 415/PHLT 420 or equivalent.

## HLTH 641 Foundations in Health Education

**Credits 3. 3 Lecture Hours.** Introduction to the profession of Health Education; basic history, philosophy, theory, and standards; responsibilities and competencies of the health educator; methods of practice. **Prerequisites:** Graduate classification; admission to E-Master's program in Health Education.

## HLTH 642 Health Education Ethics

**Credit 1. 1 Lecture Hour.** Basic concepts in health education ethics; ethical dilemmas faced by health educators; articulated ethics framework; includes fairness, justice, and the reduction of unjust disparities in the health education practice. **Prerequisites:** Graduate classification; admission to E-Master's program in Health Education.

## HLTH 643 Introduction to Epidemiology

**Credits 2. 2 Lecture Hours.** Principles and methods of epidemiology; epidemiologic investigations and research; emphasis on application of epidemiological methods for health promotion and disease prevention. **Prerequisites:** Graduate classification; admission to E-Master's program in Health Education.

## HLTH 644 Health Education Theory

**Credits 3. 3 Lecture Hours.** Theory in the practice of Health Education; selected theories and their structure, function, and value to health professionals. **Prerequisites:** Graduate classification; admission to E-Master's program in Health Education.

## HLTH 645 Health Education Research and Program Evaluation

**Credits 3. 3 Lecture Hours.** Design and conduct health education and health promotion research and evaluation; provide an overview of program evaluation and research theory, methodology, and application. **Prerequisite:** Graduate classification; admission to E-Master's program in Health Education.

## HLTH 646 Health Education Training

**Credits 3. 3 Lecture Hours.** Designing, implementing, and evaluating workforce training for professional health educators; emphasis on evidence-based workforce training. **Prerequisites:** Graduate classification; admission to E-Master's program in Health Education.

## HLTH 649 Advanced Health Behavior Theory

**Credits 3. 3 Lecture Hours.** Examine the nature of theoretical thinking and its application to health research design, analysis, and program development; explore new theoretical trends in health education sciences research and education; exposed to an informed critique of current health behavior theories and their uses. **Prerequisite:** HLTH 639 or approval of instructor.

## HLTH 652 Social Network Analysis

**Credits 3. 3 Lecture Hours.** Introduction to the theory, methods and procedures of network analysis with emphasis on applications to health and social behavior; working knowledge of the concepts and methods used to describe and analyze social networks; instruction in training necessary for scholars to conduct network analysis in their own research and practice. **Prerequisite:** Approval of instructor.

## HLTH 658 Advanced Social Network Analysis in Health

**Credits 3. 3 Lecture Hours.** Statistical theory and application of modeling procedures needed for analysis of network and dependent data interpretation and reporting of network models which involve health behavior visualization of networks; creation of social network analysis studies. **Prerequisites:** HLTH 652 or approval of instructor.

## HLTH 659 Writing for Health Educators

**Credits 3. 3 Lecture Hours.** Practical application activities to enhance writing appropriate for entry level PhD trained professionals in their field; taught in a seminar format. **Prerequisite:** Graduate classification.

## HLTH 660 Health Issues in Aging, Dying and Death

**Credits 3. 3 Lecture Hours.** Health issues related to aging, dying and death including: health problems of aging individuals; community response to health problems of aging individuals; issues regarding definitions of death; bereavement, grief and mourning and educational implications of aging, dying and death. **Prerequisite:** Approval of instructor.

## HLTH 669 Professional Skills Development for Health Educators

**Credits 3. 3 Lecture Hours.** Provides the tools necessary to become an effective health education professional; issues will be discussed that will be critical to the success of a future university faculty member. **Prerequisite:** Graduate classification.

## HLTH 671 Interdisciplinary Seminar in Prevention Science

**Credit 1. 1 Lecture Hour.** Contemporary research programs that represent the interdisciplinary field of prevention science; strengths and limitations of diverse theoretical and conceptual bases of research in prevention science; application of research findings to issues related to the prevention of mental, emotional, and physical health problems and the promotion of well-being. May be taken 3 times for credit. **Prerequisite:** Graduate standing and either admission to the interdisciplinary graduate certificate in prevention science program or approval of instructor. **Cross Listing:** COMM 671 and SPSY 620.

## HLTH 681 Seminar

**Credit 1. 1 Lecture Hour.** Reports and discussions of topics of current interest in the discipline.

## HLTH 683 Practicum

**Credits 3. 1 Lecture Hour. 6 Lab Hours.** Observations and study of the discipline in school, public and institutional health settings. **Prerequisite:** Approval of department head.

## HLTH 684 Professional Internship

**Credits 1 to 6. 1 to 6 Other Hours.** Designed to permit students the opportunity for on-the-job training with professionals in schools and public and institutional health agencies. **Prerequisites:** 12 semester hours of selected graduate work; approval of department head.

## HLTH 685 Directed Studies

**Credits 1 to 12. 1 to 12 Other Hours.** Directed study of selected problems within the discipline. May be repeated for credit. **Prerequisite:** Approval of department head.

## HLTH 688 Systems Thinking and Complexity in Population Health

**Credits 3. 3 Lecture Hours.** Examination of population health as a complex adaptive system; theoretical underpinnings of complexity science with an emphasis in modeling and simulation; includes emergence, phase transitions, tipping points, resilience, early warning signals, and edge of chaos, cellular automata, fractals, system dynamics and agent-based models. **Prerequisite:** HLTH 605 or similar graduate research methods course.

## HLTH 689 Special Topics in...

**Credits 1 to 4. 1 to 4 Lecture Hours.** Selected topics in an identified area of the discipline. May be repeated for credit. **Prerequisite:** Approval of department head.

## **HLTH 690/KINE 690 Theory of Research in the Discipline**

**Credits 3. 3 Lecture Hours.** Theory and design of research problems and experiments in various subfields of the discipline; communication of research proposals and results; evaluation of current research of faculty and students and review of current literature. May be repeated for credit.

**Cross Listing:** KINE 690/HLTH 690.

## **HLTH 691 Research**

**Credits 1 to 23. 1 to 23 Other Hours.** Research for thesis or dissertation.

**Prerequisite:** Approval of committee chair.