

# 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 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 629 Environmental Health

**Credits 3. 3 Lecture Hours.** Examination of environments that threaten health and implications for human health and community health planning; emphasis on planning and implementing health education and promotion strategies to promote a healthy environment. **Prerequisite:** Graduate classification.

## 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 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 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 classification and enrollment in the interdisciplinary graduate certificate in prevention science or approval of instructor. **Cross Listing:** COMM 671, RPTS 620 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.