

HEALTH (HTH)

Health (HTH) Courses

HTH 5063. Health Behavior Theory. (3-0) 3 Credit Hours.

A study of the determinants of human behavior as they relate to current health issues. Health behavior models and underlying rationales for prevention and intervention strategies will be examined. For teachers and counselors, as well as kinesiology and health professionals. (Formerly KAH 5063. Credit cannot be earned for both KAH 5063 and HTH 5063.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5083. Epidemiology. (3-0) 3 Credit Hours.

The overall goal of this course is to increase the health professional's ability to analyze problems and make decisions based on applications of epidemiologic concepts and methods in a variety of settings, with a particular focus on applications from studies in health promotion. Social, psychological, and biological determinants of disease will be examined. Epidemiologic tools to be presented include use of vital statistics and rates, descriptive studies, observational studies, and experimental studies. (Formerly KAH 5083. Credit cannot be earned for both KAH 5083 and HTH 5083.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5133. Program Planning and Implementation in Community Health. (3-0) 3 Credit Hours.

This course is designed for students interested in planning, implementing, and evaluating health promotion/education programs in school, community, healthcare, and worksite settings. Students enrolled in this course should have prior knowledge of health behavior theories and general foundations of health promotion. (Formerly KAH 5133. Same as PSY 7213. Credit cannot be earned for more than one of the following: PSY 7213, KAH 5133, and HTH 5133.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5203. Health Policy. (3-0) 3 Credit Hours.

A transdisciplinary overview of health policy and its role in the public health and health care systems, specifically examining the agenda-setting and policymaking processes, and the power of government institutions (e.g., legislature, courts) in health and public health practice. Public health policy interventions, the sociopolitical environments in which policy decisions are made, the intersection of health policy and health equity; and population health consequences of such decisions will be also discussed. Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5223. Health Systems. (3-0) 3 Credit Hours.

This course introduces students to topics related to the economics of health decisions, how health care is delivered, how health professionals work together to address public health needs, and how the health system can improve patient care and health care delivery. This course has Differential Tuition.

HTH 5303. Community Health. (3-0) 3 Credit Hours.

This course is a study of community health problems, the function of public, private, and voluntary health agencies, and administration and supervision of health programs in the community, school, business, or industry setting. (Formerly KAH 5303. Credit cannot be earned for both KAH 5303 and HTH 5303.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5323. Community Nutrition. (3-0) 3 Credit Hours.

Nutrition-related issues in public health, various community resources, agencies, and programs involved in health promotion and disease prevention. (Same as KAH 5323. Credit cannot be earned for both KAH 5323 and HTH 5323.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5333. Nutrition through the Lifecycle. (3-0) 3 Credit Hours.

This course provides the basic nutritional knowledge required to discuss the nutritional needs during various stages of the lifecycle as influenced by physiological, socio-economic, cultural, and environmental factors. (Formerly KAH 5333. Credit cannot be earned for both KAH 5333 and HTH 5333.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5343. Public Policy and Nutrition. (3-0) 3 Credit Hours.

This course reviews the role of public health policy in managing nutrition related chronic health disease and health promotion. This course will discuss the social, economic and environmental policies impacting food access and healthy eating behaviors. (Formerly KAH 5343. Same as NDT 5313. Credit cannot be earned for more than one of the following: NDT 5313, KAH 5343, and HTH 5343.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5353. Research Methods in Community and Public Health. (3-0) 3 Credit Hours.

This course is an introduction to fundamentals of research methods in health education and promotion in community settings. Topics will include principles of research investigation, research design, sampling methods, and measurements. Issues and problems that are commonly encountered in community-based research will be discussed using real-world examples. (Formerly KAH 5123 and KAH 5353. Credit cannot be earned for more than one of the following: KAH 5123, KAH 5353, and HTH 5353.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5363. Data Management and Descriptive Statistics. (3-0) 3 Credit Hours.

This course will introduce students to the commonly used data management software in community and public health. The focus of this course will be to familiarize students with processes of data management such as data monitoring, data cleaning and descriptive analysis for the purpose of research and evaluation. Additionally, information will be provided regarding institutional, state, and federal protections regarding the use and storage of health-related data. (Formerly KAH 5093 and KAH 5363. Credit cannot be earned for more than one of the following: KAH 5093, KAH 5363, and HTH 5363.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5373. Inferential Statistics. (3-0) 3 Credit Hours.

This course will introduce students to the methods commonly used in inferential statistics. The course will provide skills related to sampling procedures, hypothesis testing, and interpreting and disseminating results. (Formerly KAH 5373. Credit cannot be earned for both KAH 5373 and HTH 5373.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5383. Program Evaluation in Community Health Settings. (3-0) 3 Credit Hours.

This course is a study of health program evaluation methodology and application in community, school, business, or industry settings. This course is designed to provide graduate health students with an overview of the evaluation process including formative and summative evaluation methods and procedures. We will examine evaluation for intrapersonal, interpersonal and macro-level programs and we will discuss critical issues associated with rigorous evaluation. (Formerly KAH 5383. Credit cannot be earned for both KAH 5383 and HTH 5383.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5393. Health Disparities, Equity and Social Justice. (3-0) 3 Credit Hours.

This course explores health disparities and social justice issues and how both impact the health of underserved populations. The course also examines social determinants of health (SDoH) and how to use public health, social justice, and health equity lenses in multi-level strategies to reduce gaps in health outcomes. This course has Differential Tuition.

HTH 5403. Advanced Statistics and Computer Applications. (3-0) 3 Credit Hours.

This course will focus on advanced statistical methods, applications of these methods specifically for health and medical related data, and the implementation of these methods in relevant statistical software packages. Students will learn regression modeling procedures for linear and nonlinear data including linear, logistic, and Poisson/negative binomial regression, survival analysis, and model applications for data with complex survey design. Software applications will focus on the implementation of statistical procedures in SPSS and R. Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 5413. Data Visualization. (3-0) 3 Credit Hours.

Prerequisite: HTH 5363 or HTH 5373; or instructor approval. This course introduces students to concepts and techniques of advanced data visualization, including the history of visualization, the perception and interpretation of visual information, how to match data to the right type of visualization, how to create the visualization, and how to evaluate the appropriateness and clarity of visualizations. This course has Differential Tuition.

HTH 5423. Epidemiology II: Application and Interpretation. (3-0) 3 Credit Hours.

Prerequisite: HTH 5083 or equivalent; or instructor approval. This intermediate course covers methods and techniques for designing, implementing, analyzing, and interpreting experimental and observational epidemiologic studies, including clinical trials, cohort, case-control, and cross-sectional studies. The major focus of the course is the interpretation and application of epidemiologic methodology. This course has Differential Tuition.

HTH 6053. Nutrition in Health and Disease. (3-0) 3 Credit Hours.

This course is a study of basic nutrients, nutritional needs at various stages of life, and therapeutic diets for selected disease states. (Formerly KAH 6053. Credit cannot be earned for both KAH 6053 and HTH 6053.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 6063. Obesity and Health. (3-0) 3 Credit Hours.

The spread of obesity has touched virtually every aspect of daily life at every corner of the world and led to unforeseen health and economic burdens at every population level. This seminar will address issues related to the obesity epidemic and explore effective prevention strategies for child, adult, and high-risk populations. (Formerly KAH 6063. Credit cannot be earned for both KAH 6063 and HTH 6063.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 6103. Capstone Course. (3-0) 3 Credit Hours.

A project-based course that will involve either research or community work with students from across specialization areas. This course aids students in synthesizing their classroom content into real-world application and developing skills to work across disciplines. Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 6951. Independent Study. (0-0) 1 Credit Hour.

Prerequisite: Graduate standing and permission in writing (form available) from the instructor and the student's Graduate Advisor of Record. This course includes independent reading, research, discussion, and/or writing under the direction of a faculty member. This course is for students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the Master's degree. (Formerly KAH 6951. Credit cannot be earned for both KAH 6951 and HTH 6951.) Course Fee: GHC1 \$25; LRHC \$10; STHC \$6.

HTH 6953. Independent Study. (0-0) 3 Credit Hours.

Prerequisite: Graduate standing and permission in writing (form available) from the instructor and the student's Graduate Advisor of Record. This course includes independent reading, research, discussion, and/or writing under the direction of a faculty member. This course is for students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the Master's degree. (Formerly KAH 6953. Credit cannot be earned for both KAH 6953 and HTH 6953.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 6961. Comprehensive Exam. (0-0) 1 Credit Hour.

Prerequisite: Approval of the appropriate Graduate Program Committee to take the Comprehensive Examination. This is an independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Program Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either "CR" (satisfactory performance on the Comprehensive Examination) or "NC" (unsatisfactory performance on the Comprehensive Examination). (Formerly KAH 6961. Credit cannot be earned for both KAH 6961 and HTH 6961.) Course Fees: GHC1 \$25; LRHC \$10; STHC \$6.

HTH 6973. Special Problems. (3-0) 3 Credit Hours.

Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Problems courses may be repeated for credit when topics vary, but not more than 6 hours, regardless of discipline, will apply to the Master's degree. (Formerly KAH 6973. Credit cannot be earned for both KAH 6973 and HTH 6973.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 6981. Master's Thesis. (0-0) 1 Credit Hour.

Prerequisite: Permission from the Graduate Advisor of Record and thesis director. Thesis research and preparation. May be repeated for credit, but not more than 6 hours will apply to the Master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress. (Formerly KAH 6981. Credit cannot be earned for both KAH 6981 and HTH 6981.) Course Fee: GHC1 \$25; LRHC \$10; STHC \$6.

HTH 6983. Master's Thesis. (0-0) 3 Credit Hours.

Prerequisite: Permission from the Graduate Advisor of Record and thesis director. Thesis research and preparation. May be repeated for credit, but not more than 6 hours will apply to the Master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress. (Formerly KAH 6983. Credit cannot be earned for both KAH 6983 and HTH 6983.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 7893. Doctoral Research. (0-0) 3 Credit Hours.

Prerequisite: Permission of the Graduate Advisor of Record. Under the direction of a faculty advisor, this course consists of independent and original research skill building, preparation and writing of the dissertation proposal. May be repeated for credit, but not more than 6 hours may be applied toward the Doctoral degree. (Formerly KAH 7893. Credit cannot be earned for both KAH 7893 and HTH 7893.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

HTH 7991. Doctoral Dissertation. (0-0) 1 Credit Hour.

Prerequisite: Admission to candidacy and consent of student's faculty advisor. Preparation, writing, and successful defense of Doctoral dissertation. May be repeated for credit, but not more than 24 hours may be applied toward the Doctoral degree. (Formerly KAH 7991. Credit cannot be earned for both KAH 7991 and HTH 7991.) Course Fees: GHC1 \$25; LRHC \$10; STHC \$6.

HTH 7993. Doctoral Dissertation. (0-0) 3 Credit Hours.

Prerequisite: Admission to candidacy and consent of student's faculty advisor. Preparation, writing, and successful defense of Doctoral dissertation. May be repeated for credit, but not more than 24 hours may be applied toward the Doctoral degree. (Formerly KAH 7993. Credit cannot be earned for both KAH 7993 and HTH 7993.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.