

HIST 4900 Senior Seminar 3(3) Seminar in current research themes in history. Students conduct directed research on a particular topic and learn research, writing, and oral presentation techniques. Seminar topics vary from section to section and from semester to semester. Preq: History major and Senior standing and HIST 2990 with a C or better.

HIST 4910* Studies in the History of Science and Technology 3(3) Selected topics in the development of science and technology emphasizing their social, political, and economic effects. May be repeated once for credit with departmental consent. Includes Honors sections.

HIST 4920* Studies in Diplomatic History 3(3) Selected topics and problems in international conflict and conflict resolution among nations. Concentration is usually in 20th century history. May be repeated once for credit with departmental consent.

HIST 4930* Studies in Social History 3(3) Studies in the ways people have earned their livings and lived their lives, individually and as communities, in the confines of different societies. May be repeated once for credit with departmental consent.

HIST 4940* Studies in Comparative History 3(3) Selected topics in comparative history, contrasting and comparing similar historic developments in different nations, geographic areas, or civilizations. May be repeated once for credit with departmental consent.

HIST 4950* Studies in the History of Ideas 3(3) Selected topics and themes in the development of ideas that have had an impact on the behavior of individuals and civilizations. May be repeated once for credit with departmental consent.

HIST 4960* Studies in Legal History 3(3) Study of selected problems in the development of law and the system of criminal and civil justice. May be repeated once for credit with departmental consent.

HIST 4970 Senior Honors Research 3(3) Research for the preparation of senior honors thesis. Preq: Senior standing, completion of a 400-level history course, approval of the History Department. May be repeated once for credit with departmental consent.

HIST 4980 Senior Honors Thesis 3(3) Writing of the senior honors thesis. May be repeated once for credit with departmental consent. Preq: HIST 4970.

HIST 4990 Independent Study 1-3(1-3) Study of selected problems in history under the direction of a faculty member chosen by the student. Student and faculty member develop a course of study designed for the individual student and approved by the department chair prior to registration. May be repeated once for credit with departmental consent. Preq: Consent of department chair.

HEALTH

Professors: L.A. Crandall, C.J. Dye, D.B. Jackson, J.B. Kingree, R.M. Mayo, W.W. Sherrill, H.D. Spittler; *Research Professor:* M.P. Thompson; *Associate Professors:* R.W. Gimbel, *Chair:* S.F. Griffin, K.A. Kemper, J.E. Williams; *Assistant Professors:* L. Shi, K.D. Truong; *Senior Lecturers:* D.A. Falta, K.M. Meyer, R.S. Welsh; *Adjunct Faculty:* G.L. Adams, B.F. Campbell, V.S. Gallicchio, M.J. Hudson, W.J. Jones, J.T. Kirby, B.A. Lessey, W.C. Logan, J.A. McCubbin, M.C. Riordan, J.G. Wong; *Adjunct Lecturers:* D.M. Charles, E.J. Walker

HLTH 2020 Introduction to Public Health 3(3) Examination of the forces that have influenced current health delivery systems, health practices, and trends. General systems theory is introduced. Health majors are given enrollment priority.

HLTH 2030 Overview of Health Care Systems 3(3) Introduction to the health care delivery system including public health and health care components. Examines and discusses individual and public expectations of need and demand for health care and delivery of public health and health care services.

HLTH 2400 Determinants of Health Behavior 3(3) Analysis of health behaviors based on psychological, social, cultural, and environmental factors. Introduces health behavior theories. Preq: HLTH 2020 or HLTH 2980 and Health Science major.

HLTH 2500 Health and Fitness 3(3) Study of interrelationship between health and fitness. Emphasizes the cardiovascular system and benefits of exercise.

HLTH 2600 Medical Terminology and Communication 3(3) Skills in building, analyzing, defining, pronouncing, and spelling medical terms related to the human body are developed and applied through electronic communication. Preq: Junior standing.

HLTH 2980 Human Health and Disease 3(3) Study of good health practices emphasizing lifestyles and measures of health. Health majors are given enrollment priority.

HLTH 3010 Fieldwork in Health Careers 3(3) Using experiential and online learning methods, this course provides opportunities for students to building understanding of the healthcare system, learn about health care careers and enhance leadership skills.

HLTH 3030 Public Health Communication 3(3) Introduction to the use of health and communication theory and social marketing strategies to create effective, evidence-based, culturally appropriate health communication messages and campaigns. Preq: HLTH 2400 and HLTH 2980.

HLTH 3050 Body Response to Health Behaviors 3(3) Positive benefits and the negative impact of certain behaviors at cellular, organ, and body-system levels are examined. The pathways of selected injury and disease are explored. Expected physiological changes are applied in identifying strategies for promoting health in the presence (or absence) of disease. Health majors are given enrollment priority. Preq or concurrent enrollment: BIOL 2230.

HLTH 3100 Women's Health Issues 3(3) Exploration of specific health needs of women, with emphasis on understanding and preventing problems of women's health. Health majors are given enrollment priority. Preq: Junior standing.

HLTH 3150 Social Epidemiology 3(3) Exploration of the current problems and issues associated with the health of population groups. The interrelationships of biological, sociocultural, behavioral, environmental, political, and economic risk factors and the health and illness patterns of those in population groups are examined. Preq: HLTH 2980.

HLTH 3200 Health Maintenance for Men 3(3) Exploration of specific health maintenance needs of men, with emphasis on understanding and preventing problems of men's health. Health majors are given enrollment priority. Preq: Sophomore standing.

HLTH 3400 Health Promotion Program Planning 3(3) Students develop skills to conduct community health needs assessments and to plan and evaluate theoretically grounded health promotion intervention programs for diverse populations. Best practices for specific health behavior change interventions are identified. Preq: HLTH 2400 and HLTH 2980.

HLTH (AGRB) 3610 Introduction to Health Care Economics 3(3) Introductory course in which students learn the basic economics of the institutions comprising the health-care industry. Topics include the underlying supply, demand, and institutional factors impacting health-care availability and cost of health care. May also be offered as AGRB 3610.

HLTH 3800 Epidemiology 3(3) Introduces epidemiological principles and methods used in the study of the origin, distribution, and control of disease. Health majors are given enrollment priority. Preq: STAT 2300 and at least one 2000-level HLTH course.

HLTH 3950 Honors Research Seminar 3(3) Students review basic steps in the development of an honors research proposal and develop a draft of the proposal under the supervision of a faculty mentor. Students are also required to attend research presentations of senior departmental honors students. Preq: HLTH 3800 and Junior standing.

HLTH 3980 Health Appraisal Skills 1(3) Utilizes laboratory experiences to measure health risk, interpret laboratory health data, and design personal health programs. Restricted to Health Science majors. Preq: HLTH 2980.

HLTH 4000* Selected Topics in Health 1-6(3-18) Topics in health selected to meet special and individualized interests of students. May be repeated for a maximum of nine credits, but only if different topics are covered. Preq: Junior standing and consent of instructor.

HLTH 4010 Health Consumerism 3(3) Exploration of consumer decisions regarding health products and services emphasizing strategies for decision making. Health majors are given enrollment priority. Preq: Junior standing.

HLTH 4020 Principles of Health Fitness 4(3) Students apply current theories concerning physiological effects of exercise to select populations; understand the relationship between exercise and various chronic diseases; and design, execute, and evaluate exercise programs in terms of safety and effectiveness. Students must be certified in CPR to enroll in this course. Preq: HLTH 3980. Preq or concurrent enrollment: BIOL 2230. Coreq: HLTH 4021.

- HLTH 4021 Principles of Health Fitness Laboratory 0(1)** Non-credit laboratory to accompany HLTH 4020. Coreq: HLTH 4020.
- HLTH 4100* Maternal and Child Health 3(3)** Focuses on key issues concerning the health status and needs of mothers and children. Topics include primary health care, measurement and indicators of health status, health of minorities, role of families, and major programmatic interventions towards the health needs of these two groups.
- HLTH 4110 Health Needs of High Risk Children 3(3)** Analysis and evaluation of health needs of high-risk families and special needs children from the prenatal period to age six. Emphasizes health maintenance and early intervention strategies. Preq: HLTH 4100.
- HLTH 4150* Public Health Issues in Obesity and Eating Disorders 3(3)** In-depth review of prevalence, risk factors, consequences, and treatments of obesity and other eating disorders. Focuses on the public health importance of cultural norms, prevention, and early intervention related to obesity and eating disorders. Preq: Junior standing in Health Science.
- HLTH 4180 Professional Development for CVT 3(3)** Course addresses general academic and professional development requirements for students pursuing the Cardiovascular Imaging Leadership Concentration of the Health Science degree. Preq: Consent of instructor.
- HLTH 4190 Health Science Internship Preparation Seminar 1(1)** Preparation for internship experience. Includes topics such as resume development, interviewing skills, internship agency selection, and responsibilities of student, department, and agency. Preq: Junior standing in Health Science and a minimum GPA of 2.0.
- HLTH 4200* Health Science Internship 1-6(1-6)** Under supervision in an approved agency, students have an opportunity for on-the-job experiences. Students are placed in an agency and develop personal/professional goals and objectives appropriate to the setting, population, and health issues. Students create a comprehensive exit portfolio in a digital format. May be repeated for a maximum of six credits. Preq: HLTH 4190 and a minimum grade-point average of 2.0 and Junior standing in Health Science.
- HLTH 4300* Health Promotion of the Aged 3(3)** Focuses on analysis and evaluation of health issues and health problems of the aged. Emphasizes concepts of positive health behaviors. Health majors are given enrollment priority. Preq: HLTH 2980.
- HLTH 4310 Public and Environmental Health 3(3)** Principles of environmental health emphasizing understanding various health concerns created by the interactions of people with their environment. Students evaluate the impact of environmental factors on public health policy decisions. Meets specific area of need in environmental health issues.
- HLTH 4400 Managing Health Service Organizations 3(3)** Provides the conceptual and theoretical foundation of management and organizational theory of health service organizations. Focuses on the role of health services managers and how they modify and maintain organizations. Preq: HLTH 2030.
- HLTH 4500* Applied Health Strategies 3(3)** Students plan, implement, and evaluate strategies to promote health through individual behavior changes. Both healthful and unhealthful behaviors are included. Examples include smoking cessation, weight management, and stress management. Preq: Health Science major.
- HLTH 4600 Health Information Systems 3(3)** Focuses on the application of information systems to patient care and management support systems. Provides a general understanding of how the information needs of health professionals and health service organizations can be met through the proper acquisition, storage, analysis, retrieval, and presentation of data. Preq: HLTH 4400.
- HLTH 4700 Global Health 3(3)** Deepens students' knowledge of global health and how public health work is conducted internationally. Introduction to assessment of international health needs and designing, implementing, managing, and evaluating public health programs in international settings. Preq: HLTH 2980.
- HLTH 4750 Principles of Health Care Operations Management and Research 3(3)** Provides a foundation in concepts, structure, and analysis that enables an understanding of the importance of production/operations management within health care organizations and systems. Includes training in operations research methods and objectives. Preq: Junior standing.
- HLTH 4780 Health Policy Ethics and Law 3(3)** Critical examination of the legal and ethical dimensions of public health policy formation and change and how legal, ethical, and policy considerations influence health services administration and delivery. Health majors are given enrollment priority. Preq: HLTH 2020 and HLTH 2030 and HLTH 2400 and HLTH 2980 and HLTH 3800.
- HLTH 4790 Financial Management and Budgeting for Health Service Organizations 3(3)** Overview of basic principles of budgeting and financial management and analysis for health services organizations. Techniques for financial management are provided with an emphasis on health services environments. Preq: HLTH 4400.
- HLTH 4800 Community Health Promotion 3(3)** Focuses on the participatory approach in the planning and implementation of community health programs. Emphasizes professional ethics, needs assessment, coalition building, proposal writing, and implementation of special events in the community. Preq: HLTH 2400 and HLTH 2980.
- HLTH 4850 Introduction to GIS for Public Health 4(3)** Introduces students to the theory and application of geographic information systems (GIS) in the context of public health and epidemiology addressing both spatial information and methods and technology used to solve spatial inquiry in health and disease prevention. Coreq: HLTH 4851.
- HLTH 4851 Introduction to GIS for Public Health Laboratory 0(3)** Non-credit laboratory to accompany HLTH 4850. Provides students with a hands-on familiarity with the methods and technology used to solve spatial inquiry in healthcare and disease prevention using GIS. Coreq: HLTH 4850.
- HLTH 4900 Research and Evaluation Strategies for Public Health 3(3)** Discussion of research in health. Focuses on analysis of reported research. Ethical, moral, and legal issues are discussed. Preq: HLTH 3800.
- HLTH 4950 Honors Thesis Seminar 3(3)** Senior honors thesis seminar in public health sciences. Independent research is conducted under the supervision and guidance of a faculty mentor for students enrolled in departmental honors program in support of an honors thesis/service learning research project. Preq: HLTH 3950 and Senior standing.
- HLTH 4960 Honors Research Colloquium 1(1)** Students enrolled in departmental honors present independent research conducted under the supervision of a faculty member in a public research forum to other honors students and public health professionals and/or submit a paper or presentation based on this research for publication. Preq: HLTH 4950 and Senior standing.
- HLTH 4970 Creative Inquiry–Public Health 1-4(1-4)** In consultation with and under the direction of a faculty member, students pursue scholarly activities individually or in teams. These creative inquiry projects may be interdisciplinary. Arrangements with mentors must be established prior to registration. May be repeated for a maximum of 12 credits.
- HLTH 4980* Improving Population Health 3(3)** Critical examination of current and emerging issues in improving public health practice and population health. Covers examples in empirical and applied research, revealing future trends in population health. Health majors are given enrollment priority. Preq: HLTH 2400 and HLTH 2980 and HLTH 3800.
- HLTH 4990 Independent Study 1-3(1-3)** Study of selected problems in health under the direction of faculty member chosen by the student. Student and faculty member develop a course of study designed for the individual student and approved by the department chair prior to registration. May be repeated for a maximum of six credits. Preq: Junior standing.

HONORS

- HON 1900 Freshman Colloquium: Arts and Humanities (Literature) (Honors) 3(3)** Intellectually intensive seminar that engages freshman honors students in dialogue about the "idea of the University." Explores key literary works that enhance understanding of historical eras, intellectual and artistic movements, or cultures. Topics vary. Preq: Membership in Calhoun Honors College.
- HON 1910 Freshman Colloquium: Arts and Humanities (Non-Literature) (Honors) 3(3)** Intellectually intensive seminar that engages freshman honors students in dialogue about the "idea of the University." Explores historical eras, intellectual and artistic movements, or cultures emphasizing multiple tools of analysis, including literature, art, music, and film. Topics vary. Preq: Membership in Calhoun Honors College.