426 Public Opinion, the Media and Power (4)
Cross-listed as COM 426. Prerequisite: junior or senior standing, or consent of instructor. Examines public opinion from a variety of perspectives, providing students with the ability to be intelligent consumers of public opinion research and effective users of public opinion research tools. Explores the interaction between the media and public opinion, as well as public opinion’s effects on contemporary society and politics. (*every other fall semester)

440 Field Work Intern Program (4-16)
Involves practical experience in government or politics at the local, state or national level. Graded on a satisfactory/unsatisfactory basis. (*fall and spring semesters)

450 Independent Study (1-10)
Prerequisites: 12 hours of government and world affairs and a minimum 3.0 GPA. Involves guided readings, research and criticism. (*fall and spring semesters)

451 Senior Thesis (4)
Prerequisites: senior standing and a minimum 3.25 GPA or membership in the Honors Program. A substantial research and writing project. (*fall and spring semesters)

Health Science (HSC)

100 Health Science (2)
A study of wellness and concepts for developing healthy lifestyles. Covers lifestyle risk factors associated with chronic and communicable diseases. (*fall and spring semesters)

120 Introduction to Allied Health Professions (2)
This course is required of all students enrolled in the pre-professional allied health concentration. This is an introductory course examining the various career opportunities (as recognized by the American Medical Association) within the allied health field. Content includes professional foci, educational requirements and career outlook, philosophical issues in the allied health disciplines, and an introduction to the basic allied health sciences. Field experiences are integrated into the course content on the observational level. Students are required to provide documentation of current immunizations and health screenings, and to provide transportation to and from external field sites. Instructor consent is required to enroll in this course. (*spring semester)

130 Medical Terminology (1)
This course introduces the student to common word roots, prefixes and suffixes used by the medical and allied health professions. Upon completion of this course, students should be able to define common medical terminology by deciphering its parts. (*fall semester)

150 Emergency Response (3)
This course provides cognitive and practical training for those working in and around the allied health professions. Skill sets include advanced first aid, one- and two-responder CPR with AED training, administering supplemental oxygen, and prevention of infectious disease transmission. This course is required of those accepted into the athletic training education or pre-professional allied health program. Red Cross certification(s) in First Responder may be earned. Permission is required to enroll in this course. Lab fees for durable equipment and certification required. (*fall and spring semester)

203 Nutrition (3)
A study of nutritional status and the effect of eating habits and food consumption on the society, family and individual. (*fall and spring semesters)
220 Functional Anatomy (3)
This is a one-semester course without lab that covers the structure and function of the human body on the cellular, systemic and organismal levels. Special emphasis is given to the skeletal, nervous, cardiovascular and respiratory systems. (*fall and spring semesters)

230 Human Anatomy and Physiology I (3)
A study of the structures and functions of the body, with special emphasis on the histology and the integumentary, skeletal, muscular, and nervous systems. (*fall and spring semesters)

231 Human Anatomy and Physiology II (3)
Prerequisites: HSC 230 or permission of instructor. A study of the structure and functions of the body, with special emphasis on the endocrine, circulatory, digestive, respiration, urinary, and reproductive systems. (*fall and spring semester)

234 Human Anatomy and Physiology I Laboratory (1)
Prerequisites: concurrent enrollment in HSC 230 or permission of instructor. This laboratory course introduces the students to hands-on exercises related to the structure and function of tissues, and the skeletal, muscular, and nervous systems (including dissections of cats and brains as well as physiological concepts). (*fall and spring semesters)

235 Human Anatomy and Physiology II Laboratory (1)
Prerequisites: HSC 230 and concurrent enrollment in HSC 231 or permission of the instructor. This laboratory course introduces the students to hands-on exercises related to structure and function of the endocrine, circulatory, digestive, respiratory, urinary and reproductive systems (including dissections of cats, hearts, and kidneys as well as physiological concepts). (*fall and spring semesters)

236 Introduction to Public Health (3)
This course provides the student with a clear understanding of what public health is about, what it does and why it is important. It covers mission, functions, basic definitions, capacity, processes and outcomes of public health.

350 Biostatistics (3)
Prerequisite: junior standing. This course is a lecture and hands-on course designed to provide students with skills necessary to design experiments, analyze and report data in the health and biological sciences. Measures of central tendency, dispersion, and variability testing will be discussed along with basic concepts of continuous probability distributions, hypothesis testing, and decision-making.

360 Principles of Epidemiology in Exercise and Public Health (3)
Prerequisite: junior status. This course provides the student with an overview of morbidity and mortality surveillance by understanding disease etiology, distribution, and control. The course focuses on disease surveillance related to exercise, rehabilitation, public, and community health through both descriptive and analytical methods. Cohort, case, and experimental studies will be examined in relation to prevalence, outbreak, rate-adjustment and study design.

371 Fundamentals of Pharmacology (3)
Prerequisites: CHE 150 or 152 and permission of the instructor. Lecture/discussion course emphasizing an understanding of the basic principles of pharmacology specifically aimed at the needs of allied health professionals. The application of these principles to drug categories commonly encountered by allied health professionals is covered.

375 Social and Behavioral Sciences (3)
This course provides a strong social and behavioral theoretical foundation within the context of public health. The course will focus on critical thinking about public health issues, social determinants of health, health risk behaviors, and intervention strategies. The course includes long-term trends in morbidity and mortality, social factors that correlate with these trends, and theories that attempt to explain disparities in health and status across sub-populations.
The course introduces data on health risks associated with specific behaviors such as smoking, poor diet, sedentary lifestyle and substance abuse and introduce various strategic approaches for developing individual-, group- and community-based behavioral interventions.

420 Nutritional Supplements (2)
- Prerequisites: One of the following, HSC 203, HSC 230, NUR 432, CHE 232, BIO 330, BIO 360, or permission of the instructor. This course addresses contemporary issues in the usage of dietary supplements and sports performance aids, including vitamin and mineral supplements, herbs and botanicals promoted to the general public and to the athlete. The focus is to use the scientific method to evaluate product and research literature and health claims, when it is known that data are often likely to be incomplete or inconclusive. The course also reviews safety data, adverse event reports, and legal issues involving dietary supplements.

440 Health Policy and Social Change (3)
- This course provides key concepts and knowledge regarding how health policy is formulated, enacted, and implemented. The course analyzes health policy by focusing on how and why health policy is developed at the federal, state and local levels. The course will begin with a brief overview of the concepts and theories associated with public policy development in the health sector. The main emphasis will be upon providing the tools with which to understand how both public and private institutions produce health policy in its various forms. This course should provide a practical background to the study of health policy.

445 Health Promotion Program Planning and Evaluation (4)
- This course will introduce students to the development, implementation and evaluation strategies that address health promotion issues at multiple levels. The course will provide a strong foundation of theories and conceptual frameworks used to develop, implement and evaluate health promotion from an ecological perspective — encompassing the individual, interpersonal, organizational, community, social, and policy levels.

450 Public Health Management and Leadership (4)
- This course develops the student’s ability to: 1) work with organizations and communities; 2) develop the skills to mobilize resources and the organizational and community capacity necessary to address public health challenges and achieve the national health objectives; and 3) enable participation and leadership in a network that fosters the future of public health. The course exposes students to concepts and theories of leadership, performance improvement, organizational behavior, marketing, operations, organizational strategy, and continuous quality improvement. The general management perspective is emphasized.

480 Internship in Allied Health (0-12)
- Prerequisites: HSC 120, 230, 234, 231, 235, ESC 340, junior status and departmental approval. This is an instructional, field-based experience in the allied health occupations for the pre-professional. Both directed and self-directed experiences under the supervision of a certified/licensed allied health care practitioner in an approved healthcare setting are required. Students must earn program coordinator approval, provide documentation of current immunizations, health screening and CPR certification, and make provisions for transportation to the clinical affiliation site. Minimum allowable number of clinical contact hours is 120. This course may be repeated for credit for a maximum of 12 semester hours. (*fall and spring semesters)

History (HIS)

102 World History to 1500 (4) (W) (NW) (IG)
- The course surveys the development of agriculture and urban settlements; the several major civilizations of the ancient world; the emergence of the great religions; the medieval periods in a number of cultures; the history of Africa and the Americas before the European onslaught;