HEALTH SCIENCES (HLSC)

HLSC 3300 The Health Care System
3 Semester Credit Hours (3 Lecture Hours)
Addresses how the U.S. Health Services System is organized, how health services are delivered, and the mechanisms by which health services are financed in the United States. Provides an undergraduate level overview of the U.S. health services system and its key components, including health system resources, health system foundations, health system resources, health system processes, and health system outcomes. Should be taken during first semester of Health Sciences courses. Cross listed with HCAD 3300.

HLSC 3310 Epidemiology
3 Semester Credit Hours (3 Lecture Hours)
Application of epidemiologic methods and procedures to the study of the distribution and determinants of health and diseases, morbidity, injuries, disability, and mortality in populations. Epidemiologic methods for the control of conditions such as infectious and chronic health hazards, and unintentional injuries are discussed. Other topics include quantitative aspects of epidemiology, for example, data sources, measures of morbidity and mortality, evaluation of association and causality, and study design. Cross listed with HCAD 3310.

HLSC 3320 Health Care Marketing
3 Semester Credit Hours (3 Lecture Hours)
An introductory study of the essentials of marketing within the dynamically evolving health care system. Cross listed with HCAD 3320.

HLSC 3330 Financial Management in Health Care
3 Semester Credit Hours (3 Lecture Hours)
Introduction to health care financial management including selected topics from financial accounting, management accounting, finance, internal audit and personal finance. Health care payment and classification systems will be studied and practical applications will be emphasized. Cross listed with HCAD 3330.

HLSC 3340 Health Program Planning and Evaluation
3 Semester Credit Hours (3 Lecture Hours)
Introduction to the skills and techniques required to research and develop culturally competent health programs. Students will gain a basic understanding of how to utilize existing data to assess community needs, implement community health programs, and evaluate program effectiveness, exploring the concepts, processes and techniques used in health program planning, implementation, and evaluation. The course will emphasize the importance of teams and partnerships in successful community health programs. Cross listed with HCAD 3340.

Prerequisite: MATH 1442 and 1342 or MATH 2342.

HLSC 3350 Information Systems and Technology in Health Care
3 Semester Credit Hours (3 Lecture Hours)
Provides an overview of the role technology plays in management of health care information. Emphasis is placed on system analysis, techniques, and skills used in information management. Cross listed with HCAD 3350.

HLSC 3360 Health Education and Promotion
3 Semester Credit Hours (3 Lecture Hours)
This course provides an introduction to the discipline and profession of health education and promotion. It examines the concepts of health and wellness, the national and global health status, theories of behavior change, and the implementation and assessment of health promotion interventions. Cross listed with HCAD 3360.
HLSC 4680 Practicum
6 Semester Credit Hours (1 Lecture Hour, 15 Lab Hours)
The Health Science Practicum is an institution-based project course requiring the student to complete on-site practicum hours. It provides a structured and guided learning environment to help students make the most of their practicum experience. Course components facilitate students’ professional development, focusing on the transition from the role of a student to the role of a healthcare professional.