

# HEALTH SCIENCE ADMINISTRATION (HSAD)

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## HSAD 250 - PUBLIC HEALTH ISSUES AND IDEAS

This course provides students with an understanding of concepts and tools for measuring health in populations. In addition they will be able to comprehend and characterize the relationship of the public health system with medical care and other elements of the overall health system and identify the government's unique contributions through federal, state, and local public health agencies. Public health broadly involves an array of biological, environmental, social, cultural, behavior, and service utilization factors that are all associated with health. Underlying this is an understanding that the success or failure of the collective actions and decisions thus we are all accountable to each other in order to produce the best results. To that end the class, through case studies, will also focus on ways in which positive changes can be made in order to improve these systems and individuals within them in order to move them towards improved quality and quantity of health for all

Credits: 3

Prerequisites: ENG 102

## HSAD 351 - INTRODUCTION TO HEALTH SERVICES

This course provides an overview of health care organizations, health care providers and on-going health care issues within the United States and other health care delivery systems. It uses a system framework that ties together the numerous components of these health care systems. An emphasis will be given to the ways in which the differing systems histories affect their responses to change. The class will also focus on ways in which positive changes can be made in order to improve these systems and move them towards quality patient-centered care.

Credits: 3

Attributes: Social Science

## HSAD 352 - HEALTH POLICY

Health policy examines the development by government and other policy makers of present and future objectives pertaining to health care and the health care system. It will focus on the articulation of arguments and decisions regarding these objectives in legislation, judicial opinions, regulations, guidelines, standards, and key health policy influences that affect health care and public health. This includes the role of economic, technological, social, cultural and other influences on policy development; and the effects of resulting policies, guidelines, standards and protocols.

Credits: 3

Prerequisites: ENG 102

## HSAD 353 - MEDICAL ETHICS AND THE LAW

Administrative concerns regarding ethical and legal aspects of the delivery of health services. Extensive use of case studies.

Credits: 3

## HSAD 360 - INTRAPROFESSIONAL TEAMS

This course introduces students to intraprofessional teamwork within health science. Healthcare and laboratory environments require the ability to work as a team. Team members will represent different disciplines and bring different individual strengths to the work. This course will cover how teams communicate and collaborate within health science professional environments.

Credits: 3

Prerequisites: ENG 102

## HSAD 363 - HEALTH DISPARITIES

This course introduces students to health differences and inequalities that exist within and across sociocultural groups. Students will review historic trends and current research on health inequalities and will learn how health science professionals promote health equality.

Credits: 3

Attributes: Social Science

## HSAD 365 - HEALTH SCIENCE INFORMATICS AND DATA SCIENCE

This course is designed to survey how data is used across health science disciplines and settings. Students will learn basic data science techniques in order to solve important health science questions

Credits: 3

Prerequisites: MATH 217 and DSIT 103

## HSAD 370 - HEALTHCARE BUDGETING AND REPORTING

This course introduces students to the fundamentals of fiscal management within a healthcare setting. Budgeting and reporting are significant responsibility for administrators in non-profit and health care organizations. Relevant governmental policy guiding fiscal management is discussed.

Credits: 3

Prerequisites: ENG 102 and MATH 217

## HSAD 390 - HEALTH SCIENCE ADMIN CAPSTONE

Application of material and techniques acquired in previous HSA course work to a current real-world problem. Students will select a project consistent with the choice of health science setting.

Credits: 3

Course Notes: To be taken in final semester.

## HSAD 399 - HEALTH SCIENCE ADMINISTRATION FIELD INTERNSHIP

In-service training with a healthcare or health science laboratory operation. Students must successfully complete academic reflections and evaluations during their internship term.

Credits: 3-6

Course Notes: To be taken in the final year

## HSAD 451 - INTRODUCTION TO HEALTH SERVICES

History and development of the health services system. Description and evaluation of ambulatory, acute, and long-term care; mental health; and public health systems.

Credits: 3

Course Notes: For Health Informatics students