

AHS - APPLIED HEALTH SCIENCE (AHS)

***Course Fees are Per Credit Hour**

AHS 300R. Leadership and Healthcare Delivery. (6 Credits)

In this course students examine the history and current functions of health services delivery systems in the United States. The course focuses on critical leadership competencies that are essential for the leaders of the most complex health care organization. Students will examine how to effectively deliver health care services in hospitals, nursing homes, multi-specialty clinics, and home health care agencies. Students will also examine their personal strengths, weaknesses, values, and ways to resolve conflicts in personal settings. Prerequisites: EN 111 and EN 112; sophomore level or above. (Fall, Spring)

Course Fees: \$100

AHS 301R. Health Communication and Cultural Diversity. (6 Credits)

This course will explore various issues related to communication in health care. The course will examine how certain health disparities are related to human interactions in the following context: social, cultural, and historical. Students will explore the meanings of health promotion, and illness among different underrepresented populations. The course will explore cultural diversity among people related to health care. Students will be able to examine how various groups view illness, the effects of illness on the community, and how health care professionals can serve others with cultural competence. Prerequisite: AHS 300R. (Fall, Spring).

Course Fees: \$100

AHS 302R. Informatics. (3 Credits)

This course is intended to provide students with a conceptual and practical understanding of information and communication systems, how they are used. Concepts include meaningful use in electronic health records (EHR), health informatics exchange, quality improvement strategies, public health informatics, and ethical applications of informatics. The current and future role of the health care informatics profession will be discussed. Prerequisite: AHS 300R. (Fall, Spring).

Course Fees: \$100

AHS 303R. Health Policy, Ethics and Legal Issues. (6 Credits)

This course will introduce student to the policies in the healthcare system while exploring all ethical considerations and dilemmas in health care as well as legal matters related to health care and health care outcomes. This course will provide exposure to leadership approaches that can be taken to promote effective changes in policies and ways to resolve legal and ethical dilemmas that present in the health care system. This course will provide knowledge to real world situations. Prerequisite AHS 300R. (Fall, Spring)

Course Fees: \$100

AHS 304R. Epidemiology and Population Health. (3 Credits)

In this course, students are provided an overview of the standards and practices of population health, epidemiology, and the application of the population health statistics. There will be an introduction to the basic terms and definitions of population health, the influences and relationships that lead to disease, as well as disease prevention. Students will explore and discuss factors related to social justice. Students will be able to describe how disease is spread within populations and communities through the introduction to epidemiologic terminology, methods, critical thinking, and basic analysis. Prerequisite AHS 300R. (Fall, Spring)

Course Fees: \$100

AHS 305R. Consumer Health. (3 Credits)

This course is intended to provide students with a framework for evaluating consumer health information. Concepts include decision making as it relates to health literacy, internal and external influences on health care decisions and health outcomes, and effective health education. This course also provides students with tools and resources to identify, evaluate, and validate product information used in the delivery of health care, health services, and other health behaviors. Prerequisite AHS 300R. (Fall, Spring)

Course Fees: \$100

AHS 306R. Research in Health. (3 Credits)

In this course, students will receive a basic introduction to the research process. Students will examine how research is utilized to address various health problems and how research serves as a foundation for practice. Various research methods will be explored and students will perform critical analysis of research studies. Prerequisite: AHS 300R. (Fall, Spring, Summer)

Course Fees: \$100

AHS 307R. Grant Writing and Capstone. (6 Credits)

This course will assist the student to gain introductory experience in the process of "grantmanship." Students will develop skills related to identifying sources of grant funding, practical research application, and proposal writing. The capstone of the course will involve a final project in a specific area of interest related to the student's proposed track. This course is designed to take the final semester of core AHS requirements. Prerequisite: AHS 300R.

Course Fees: \$100

AHS 308R. Healthcare Economics. (3 Credits)

This course will introduce the field of healthcare economics. Course topics will include the concepts of basic economics, why healthcare is different from other markets, characteristics of the healthcare market in the US, global healthcare, healthcare reform, the importance of development in the healthcare, and economic evaluation techniques. Prerequisite AHS 300R. (Fall, Spring)

Course Fees: \$100

AHS 400R. Senior Seminar. (3 Credits)

This course provides students with exploration of health professions opportunities and employment goals. Students will work toward developing a personal portfolio. Health professions topics will be selected according to the interests and needs of the individual student. Prerequisite: Admission to a Health Professions major. (Fall, Spring, Summer)

Course Fees: \$100

AHS 404R. Health Administration and Strategic Planning. (6 Credits)

This course will give students an opportunity to explore management and planning in health care environments. Students will build on concepts in the Leadership and Health Delivery course. Emphasis will be placed on such concepts as management theory, organizational culture, strategic planning, quality improvement, change theory, and conflict resolution.

Prerequisite AHS 307R. (Fall, Spring)

Course Fees: \$100

AHS 405R. Budgeting and Finance. (6 Credits)

This course introduces students to the fundamental principles of budgeting and finance in healthcare. Students will examine financial operations, health care reimbursement, risk analysis, financing, and financial condition assessment. Prerequisite AHS 307R. (Fall, Spring)

Course Fees: \$100

AHS 406R. Principles of Resource Management and Supervision. (6 Credits)

This course provides information related to essential skills to the health care administrator. Students will explore functions of health care and resource management. Students will learn resource management strategies, establishing benchmarks and organizational research methods, productivity and performance management, project management, and purchasing and materials management. Prerequisite: AHS 307R. (Fall, Spring).

Course Fees: \$100

AHS 427R. Internship. (3 Credits)

This course provides students with experiential learning experiences and prepares them for entry into the workforce. Students will identify professional expectations and obtain skills for entry into the healthcare related careers. Three credit hour class and 60 internship hours per term. International students must receive approval from the Office of International Affairs prior to course registration. Prerequisite: AHS 404R. (Fall, Spring)

Course Fees: \$100