

# HEALTH SCIENCES (HSCI)

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## **HSCI 3100 - Current Topics in Health Care (3 Credits)**

This course offers an in-depth exploration of contemporary issues and challenges within the healthcare field. This dynamic and evolving sector of the economy is continuously influenced by new technologies, policies, and social dynamics. This course serves as a platform for students to engage with and critically analyze the most pressing topics in healthcare today. Through discussions, research, and practical exercises, students will develop a comprehensive understanding of the complex landscape of healthcare in the 21st century.

Lecture hours: 3  
Offered: Summer and Fall

## **HSCI 3300 - Cultural Diversity in Health Care (3 Credits)**

This course is designed to provide students with a comprehensive understanding of the importance of cultural competence in healthcare settings. This course explores the intricate relationship between culture, healthcare, and patient outcomes, emphasizing the skills and knowledge required to effectively interact with and care for individuals from diverse cultural backgrounds. The course integrates theoretical concepts with practical applications to equip students with the tools they need to become culturally competent healthcare professionals.

Lecture hours: 3  
Offered: Fall

## **HSCI 3310 - Current Topics in Health Care (3 Credits)**

This course offers an in-depth exploration of contemporary issues and challenges within the healthcare field. This dynamic and evolving sector of the economy is continuously influenced by new technologies, policies, and social dynamics. This course serves as a platform for students to engage with and critically analyze the most pressing topics in healthcare today. Through discussions, research, and practical exercises, students will develop a comprehensive understanding of the complex landscape of healthcare in the 21st century.

Lecture hours: 3  
Offered: Summer and Fall

## **HSCI 3320 - Healthcare Informatics and Technology (3 Credits)**

This is a comprehensive course designed to explore the role of information technology in the healthcare industry. It delves into the critical intersection of healthcare, data management, and technology solutions. This course equips students with the knowledge and skills needed to understand, implement, and adapt to the rapidly evolving landscape of healthcare information systems, electronic health records, telehealth, and health information exchange.

Lecture hours: 3  
Offered: Fall

## **HSCI 3330 - Introduction to Global Health (3 Credits)**

This is a foundational course that provides students with a comprehensive understanding of global health issues, challenges, and opportunities. This course examines the interconnectedness of health on a global scale, exploring factors that affect the health of populations around the world. Students will engage in critical analysis of global health problems and learn about strategies to promote health equity and improve health outcomes for all.

Lecture hours: 3  
Offered: Summer and Fall

## **HSCI 3340 - Personal Challenges in Health Care (3 Credits)**

This is an engaging and introspective course that provides students with the opportunity to explore and navigate the personal and emotional aspects of working in the healthcare field. This course acknowledges that healthcare professionals often encounter various emotional, ethical, and personal challenges while providing care. Students will develop self-awareness, resilience, and strategies to cope with these challenges while maintaining their commitment to compassionate and effective patient care.

Lecture hours: 3  
Offered: Spring and Summer

## **HSCI 3350 - Introduction to Community Health (3 Credits)**

This is a foundational course that provides students with a comprehensive understanding of the principles and practices of community health. This course explores the critical factors that influence the health of communities, including social determinants, epidemiology, public health systems, and community-based interventions. Students will learn how to assess and address health disparities, promote wellness, and improve the health of populations at the community level.

Lecture hours: 3  
Offered: Fall

## **HSCI 3360 - Consumer Health (3 Credits)**

This is an essential course designed to equip students with the knowledge and skills necessary to make informed decisions about their personal health and navigate the complex world of healthcare and wellness. This course provides students with the tools to critically evaluate health information, access healthcare services, and adopt healthy behaviors. Through a focus on evidence-based information, students will become empowered consumers of healthcare services and advocates for their own well-being.

Lecture hours: 3  
Offered: Spring

## **HSCI 4100 - Impacts of Substance Abuse across Communities (3 Credits)**

This course offers a comprehensive examination of the profound effects of substance abuse on individuals, families, and communities. This course delves into the various substances of abuse, the social and psychological consequences, and explores strategies for prevention, intervention, and community support. Students will gain a deep understanding of the multifaceted nature of substance abuse and its implications for public health and social well-being.

Lecture hours: 3  
Offered: Fall

**HSCI 4110 - Interdisciplinary Care (3 Credits)**

This course provides students with an in-depth understanding of the principles, strategies, and best practices related to delivering healthcare within interdisciplinary teams. In today's complex healthcare landscape, effective collaboration among healthcare professionals is essential for delivering high-quality, patient-centered care. This course emphasizes the importance of teamwork, communication, and the integration of various healthcare disciplines to optimize patient outcomes.

Lecture hours: 3

Offered: Spring

**HSCI 4120 - Communication and Cultural Competence in Health Care (3 Credits)**

This course is designed to equip students with the knowledge and skills necessary to communicate effectively with diverse patient populations and provide culturally competent healthcare. This course explores the significance of culture in healthcare, the impact of cultural competence on patient care, and strategies for promoting effective cross-cultural communication in healthcare settings.

Lecture hours: 3

Offered: Spring and Summer

**HSCI 4130 - Management and Leadership in Health Care (3 Credits)**

This course is designed to prepare students for leadership roles in the healthcare sector. Healthcare organizations require strong, effective leadership to navigate the challenges of the dynamic healthcare environment. This course covers essential principles of healthcare management, leadership styles, strategic planning, and the development of leadership skills necessary for success in healthcare administration.

Lecture hours: 3

Offered: Spring and Fall

**HSCI 4140 - Capstone in Health Sciences (3 Credits)**

This course is the culminating experience in the health sciences program, designed to integrate and apply the knowledge and skills acquired throughout the course of study. This course provides students with the opportunity to engage in in-depth research, project development, or practical experiences that address real-world health issues. Students will demonstrate their mastery of health sciences concepts and their readiness to contribute to the field.

Lecture hours: 3