KING UNIVERSITY
ESTABLISHED IN 1867

Program Coordinator: L. Krizanac-Bengez

Health Informatics is a discipline at the intersection of information science, computer science, and health care. The U.S. National Library of Medicine defines "health informatics" as "the interdisciplinary study of the design, development, adoption and application of IT-based innovations in healthcare services delivery, management and planning."

The Bachelor of Science in Health Informatics (BSHI) degree program incorporates an interdisciplinary approach to the curriculum. Coursework includes introductions to the organization of healthcare, quality improvement, leadership management, legal and ethical frameworks, information technology, data management, project management, electronic health records and health information exchange. BSHI graduates are equipped to serve in entry-level positions in a wide variety of sectors in the health care industry, including hospital systems, private clinics, public health organizations, the insurance industry, and a wide variety of other possibilities. Graduates are also well suited to continue their professional development in graduate-level programs.

The BSHI degree program seeks to fulfill King University's stated mission by helping students know what it means to transform the cultures where they live, work, and worship in Christ. Throughout the coursework, emphasis is applied to developing effective written and oral communication skills, acquiring a theoretical and practical understanding of how to procure, store, access and analyze data, fostering a framework for ethical decision-making, and improving analytical and critical thinking skills. Graduates of the program will use evidenced-based principles to help improve the quality and efficiency of their organizations.

All candidates for a degree from King University are required to demonstrate competency in their major field. Students with more than one major must demonstrate competency in each of their major fields. In their last semester of major courses, all Health Informatics students will create a portfolio of their work as the comprehensive assessment for the program. Students will compile a collection of 5-7 items which will reflect competency of program objectives, as well as a cultural transformation essay, current resume, and generic cover letter. A list of suggested and required artifacts will be provided. This course, HINF 4990, is graded pass/fail and all students must receive a passing grade to graduate. The portfolio serves not only as a final assessment for the program; it also helps students capitalize on workplace advancement opportunities.

Student Learning Outcomes
1. Students will demonstrate their ability to analyze and implement industry standards for quality management and improvement.
2. Students will demonstrate effective communication with all stakeholders in academic, clinical, and practice settings.
3. Students will be able to analyze relevant data in order to prioritize goals that will facilitate desired outcomes.

4. Students will be able to demonstrate their knowledge of ethical decision-making in order to exhibit empathy and facilitate alternatives for both patient care and effective management.
5. Students will demonstrate mastery of program content by their abilities to plan for effective leadership in their field and also to develop tools for timely, efficient, safe, and cost-effective patient-centered care.

Technology Requirements

Students are required to have a PC laptop with Microsoft Office, including Microsoft Access 2010 or later. Please note that Microsoft Access is not currently compatible with the Apple operating system.

Health Informatics Major Requirements

HCAD 3120
Introduction to Healthcare Organization and Policy ....4 s.h.
HCAD 3210
Informatics for Health Care Leaders and Decision-Makers ....4 s.h.
HCAD 3230
Management of Quality Improvement and Outcomes..........................4 s.h.
HCAD 3320
Management and Leadership... 4 s.h.
HCAD 4420
Ethics and Legal Issues...4 s.h.
ITEC 2700
Foundations of Information Technology ....4 s.h.
ITEC 3450
Database Management..4 s.h.
ITEC 3710
Cloud Computing...4 s.h.
HINF 4410
Project Management ....4 s.h.
HINF 4420
Electronic Health Records ....4 s.h.
HINF 4430
Networking and Health Information Exchange ....4 s.h.
HINF 4440
Current Topics in Health Informatics ....4 s.h.
HINF 4990
Comprehensive Assessment* .... 0 s.h.

   Total ....**48 s.h.**

Summary of Total Credits

General Education Minimum Requirements...30 s.h.
Major Requirements...48 s.h.
Electives/Minor/2nd Major .... 46 s.h.
Minimum to Earn Bachelor of Science ....**124 s.h.**