

STUDENT NAME		SID #	
PROGRAM CHAIR		DATE	

PROGRAM REQUIREMENTS			Requested Substitution/Transfer Credits (if applicable)			Completed		
Course	Course Title	CR	College/University	Course	CR	Grade	Quarter	Year
PREREQUISITE REQUIREMENTS								
	Associate degree in IT-related or healthcare-related field, or equivalent credits	55						
	Science: Must include one lab course and at least one life sciences course	10						
	English Composition I	5						
	College Level Math: Statistics	5						
	Technical Writing/Research Writing	5						
	Social Science	5						
	Humanities (either Humanities or Social Science course must be a communication course)	5						
CORE COURSE – ALL STUDENTS								
ECON 315	Economics of Healthcare	5						
HCTM 293	HCI New Student Orientation	2						
HCTM 310	Essentials of Healthcare Informatics	5						
HCTM 315	Electronic Health Records	5						
HCTM 320	HCI Data Standards & Interoperability	5						
HCTM 375	Healthcare Informatics Project Management	5						
HCTM 390	Healthcare Information Seeking & Evaluation	3						
HCTM 410	Healthcare Clinical Systems Analysis	5						
HCTM 435	Healthcare Clinical Information System Operation	5						
HCTM 450	Healthcare Analytics and Quality	5						
HCTM 460	Leading Change in Healthcare Informatics	5						
HCTM 465	HCI Capstone/ Field Studies Orientation	2						
PHIL 365	Biomedical Ethics: Theory & Practice	5						
	<i>Choose one of the following options:</i>	4						
HCTM 475	Healthcare Informatics Field Studies (4 Cr)							
HCTM 485	Healthcare Informatics Capstone (4 Cr)							
	<i>Choose 15 credits from the following:</i>	15						
HCTM 330	Healthcare Informatics Teaching and Training (5 Cr)							
HCTM 350	Usability and User-Centered Design in Healthcare (5 Cr)							
HCTM 380	Healthcare Code Sets and Clinical Terminologies (5 Cr)							
HCTM 385	Consumer Health Informatics (5 Cr)							
HCTM 399	Independent Study (1-5 Cr)							
HCTM 405	Health and Information Literacy (5 Cr)							
HCTM 455	Data Warehousing in Healthcare (5 Cr)							
HCTM 470	Healthcare Data Analytics Application (5 Cr)							
HCTM 494/5/6/7	Special Topics (1-5 Cr)							
CORE TOTAL		76						
PATHWAY FOR STUDENTS WITH HEALTHCARE BACKGROUND								
IT 103	Networking Basics	5						
BTS 168	Business Data Management Tools	5						
BUSIT 103	SQL Fundamentals	5						
PATHWAY TOTAL		15						

PATHWAY FOR STUDENTS WITH IT BACKGROUND

IT grads must have 5 credits each in networking, programming and database, equivalent to above courses

HCTM 301	US Healthcare Policies and Delivery Systems	5						
HCTM 302	Healthcare Safety, Quality and Legal Environment	5						
HCTM 380	Healthcare Code Sets and Clinical Terminologies	5						
PATHWAY TOTAL		15						
HEALTHCARE INFORMATICS PROGRAM TOTAL		91						
GRAND TOTAL		185						

The Bachelor of Applied Science in Healthcare Informatics prepares individuals with IT and/or healthcare preparation and experience to successfully compete for jobs in the rapidly growing field of healthcare informatics, which focuses on optimizing use of technology to manage knowledge in order to improve quality of care.

The degree program is designed for individuals with IT and/or healthcare preparation and experience. The first 90 credits of the degree are fulfilled by entrance prerequisites. The second half of the degree program offers a professionally relevant curriculum that helps students achieve their goals.

LEARNING OUTCOMES

Degree recipients should possess the skills and abilities described below:

- Apply knowledge of current and emerging data standards and principles of interoperability
- Apply project management processes and tools in the context of complex IT projects and teams, and in the midst of changing and conflicting demands
- Comply with all healthcare laws and regulations relating to information security, privacy and protected health information, and meet institutional accreditation and certification requirements
- Contribute to systems integration and perform information technology systems customization to meet the needs of the healthcare organization
- Contribute to process improvement through the redesign of healthcare workflow and information management practices to better leverage the capabilities of new information technology systems
- Gather, identify and document requirements for technology solutions, working closely with clinical and non-clinical stakeholders and considering privacy, regulatory, efficiency and security issues
- Manage, analyze and present healthcare data for effective decision-making in support of a wide array of healthcare practices such as meaningful use initiatives, patient safety studies, and revenue cycle management
- Serve as liaison between technical and clinical functions to support users, including training and documenting the use of new technologies

DEGREE REQUIREMENTS

A complete description of the required curriculum is shown in the worksheet. In addition to eligibility requirements, students must also achieve the following:

- Completion of 91 quarter credits in the general program and concentration requirements, with a grade of "C", or better
- A minimum cumulative GPA of 2.0 for all coursework taken at BC and the courses applied to the degree, including credits transferred from other colleges
- At least 45 quarter credits for the degree must be completed in residence at BC, of which 30 credits must be upper division

PROGRAM ELIGIBILITY

Individuals must have:

- An associate's degree in an information technology related – or healthcare related – field, or equivalent credits, to be eligible for the BAS degree
- In addition, applicants must have completed the following courses or their equivalents with a grade of 2.0 or higher from a regionally accredited college:
 - English Composition I
 - Technical or Research Writing
 - College-Level Math: Statistics
 - Natural Science: two courses must include at least one lab course and at least one life sciences course
 - Communication (may fulfill humanities or social science requirement: check with an advisor)
 - Humanities
 - Social Science

APPLICATION PROCESS

To be considered for the bachelor of applied science in Healthcare Informatics, prospective students must submit the following:

- Completed general Bellevue College admission form
- Non-refundable general admission fee of \$34
- Completed bachelor of applied science application form
- Nonrefundable application fee of \$90
- Official transcripts from regionally accredited college(s), demonstrating completion of an appropriate associate's degree or equivalent credits, and the prerequisite courses, with a GPA of 2.0 or higher

TUITION

The Bachelor of Applied Science in Healthcare Informatics is a self-support program and therefore does not necessarily follow the upper division tuition schedule published in the college catalog and quarterly schedule. Tuition includes applicable college and course fees, plus current per credit rates published online at www.bellevuecollege.edu/enrollment/tuition/. These courses are not eligible for tuition waivers.

FOR MOST UP-TO-DATE INFORMATION, GO TO:

www.bellevuecollege.edu/hci

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