BELLEVUE COLLEGE

Healthcare Informatics
Bachelor of Applied Science Degree

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		45						
A minimum cumulative GPA of 2.0 for all coursework including the following courses:								
Writing: English Composition and Technical or Research Writing		10						
College Level Math: Statistics		5						
Natural Science: Must include one lab course and at least one life sciences course		10						
Data Management: BTS 168 or equivalent and BUSIT 103 or equivalent		10						
Social Science: course from AAS-DTA transfer list		5						
Humanities: course from AAS-DTA transfer list		5						
Either Humanities or Social Science course must be a communication course								
CORE COURSES								
HCI 293	HCI New Student Orientation	4						
HCI 301	U.S. Healthcare Policy and Delivery Systems	5						
HCI 302	Healthcare Safety & Quality Management	5						
HCI 310	Essentials of Healthcare Informatics	5						
HCI 315	Electronic Health Records	5						
HCI 320	HCI Data Standards & Interoperability	5						
HCI 350	Usability and User Centered Design	5						
HCI 360	Healthcare Information Seeking and Evaluation	3						
HCI 375	Healthcare Informatics Project Management	5						
HCI 380	Healthcare Code Sets and Clinical Terminologies	5						
HCI 410	Healthcare Clinical Systems Analysis	5						
HCI 435	Healthcare Informatics Systems Operation	5						
HCI 450	Healthcare Analytics and Quality	5						
HCI 460	Leading Change in Healthcare Informatics	5						
HCI 465	HCI Field Studies/Capstone Orientation	2						
PHIL 365	Biomedical Ethics: Theory & Practice	5						
Choose one of the following options:		4-5						
HCI 475 HCI 485	Healthcare Informatics Field Studies (4 Cr) Healthcare Informatics Capstone (5 Cr)							
ELECTIVES		15						
HCI 330 HCI 385 HCI 398 HCI 399 HCI 405 HCI 456 HCI 470 HCI 494/5/6/7	Healthcare Informatics Teaching and Training (5 Cr) Consumer Health Informatics (5 Cr) Healthcare Informatics Professional Portfolio (1-5 Cr) Healthcare Informatics Independent Study (1-5 Cr) Health and Information Literacy (5 Cr) Healthcare Data Visualization (5 Cr) Healthcare Data Analytics Applications (5 Cr) HCI Special Topics (1-5 Cr)							
CORE TOTAL		93-94						

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:

- Manage, analyze and present healthcare data for effective decision-making in support of a wide array of healthcare practices such as regulatory requirements, patient safety studies, and clinical decision support
- Serve as liaison between technical and clinical functions to support users, including systems analysis, data analytics, training and documenting use of new technologies in a variety of healthcare settings
- Demonstrate a commitment to continued competency through life-long learning
- Demonstrate an understanding of leadership, ethical and economic issues as they pertain to healthcare informatics
- Gather, identify and document requirements for healthcare informatics solutions while working closely with patients, consumers, clinicians, and administrators
- Ensure that requirements for healthcare data privacy and security are met
- Complete a capstone or field studies project that demonstrates the breadth and depth of educational preparation

DEGREE REQUIREMENTS

In addition to eligibility requirements shown in the worksheet, students must also achieve the following:

- Completion of core courses 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 complete:

- 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 and Technical or Research Writing
  - College-Level Math: Statistics
  - Natural Science: must include at least one lab course and at least one life sciences course
  - BTS 168 and BUSIT 103, or equivalents
  - Humanities course from AAS-DTA transfer list
  - Social Science course from AAS-DTA transfer list
  - Either Humanities or Social Science must be a communication course, please verify with an advisor

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
- Nonrefundable admissions and placement fee of $55
- 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
- Personal statement

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

www.bellevuecollege.edu/hci

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