### HCTM Healthcare Informatics

**Bachelor of Applied Science Degree**

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<th>STUDENT NAME</th>
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## PROGRAM REQUIREMENTS

### Requested Substitution/Transfer Credits (if applicable) - Completed

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<th>Course</th>
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### 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** HCTM New Student Orientation 2
- **HCTM 310** Essentials of Healthcare Informatics 5
- **HCTM 320** Health IT Data Standards 5
- **HCTM 375** HIT Project Management 5
- **HCTM 410** HIT Systems Analysis and Process Optimization 5
- **HCTM 420** HIT Systems Integration and Interoperability 5
- **HCTM 430** HIT Systems Implementation 4
- **HCTM 440** HIT Systems Operation and Administration 4
- **HCTM 450** Healthcare Analytics and Quality 5
- **HCTM 460** Leading Change in Healthcare Informatics 5
- **HCTM 465** HCTM Capstone Orientation 2
- **HCTM 475** HIT Field Studies 4
- **HCTM 485** Healthcare Informatics Capstone 4
- **PHIL 365** Biomedical Ethics: Theory & Practice 5

Choose 15 credits from the following:

- **HCTM 380** Healthcare Code Sets and Clinical Terminologies (5 Cr)
- **HCTM 385** Consumer Health Informatics
- **HCTM 455** Data Warehousing in Healthcare (5 Cr)
- **HCTM 470** Healthcare Data Analytics Application (5 Cr)
- **HCTM 494/5/6/7** Special Topics (5 Cr)

**CORE TOTAL** 80

### 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

## NOTES
**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

**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 Technology and Management with a concentration in Healthcare Informatics, prospective students must submit the following:

- Completed bachelor of applied science application form
- Nonrefundable application fee of $125
- 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 Technology and Management with a concentration in Health IT 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 more up-to-date information, go to:

www.bellevuecollege.edu/programs/degrees/bachelor/hctm/informatics

**NOTES**