

HEALTH CARE TECHNOLOGY AND ANALYTICS, POST-BACCALAUREATE CERTIFICATE

The health care technology and analytics post-baccalaureate certificate meets a great need for health care administrators, including those whose expertise is not technology, to have a working knowledge of the technology and its analytic capabilities. This four-course sequence provides the basic knowledge and skills to achieve this goal.

Admissions Requirements

- Completed application (SOPHAS Express)
- Undergraduate degree (applicants with 3.0 GPA or better see more success)
- Official transcript from a degree-granting institution
- Professional goal statement (about 500 words)
- Resume or curriculum vitae
- The GRE is not required

Requirements for International students

Along with the general admission requirements above, the following must be provided by prospective international students:

- Demonstration of English Language Proficiency Some examples of demonstrated English language proficiency include minimum score requirements for the following standardized tests:
 - Paper-based TOEFL: 550
 - Internet-based TOEFL: 80
 - IELTS: 6.5
 - PTE: 54
 - Duolingo: 110
- Academic records, in English translation, for post-secondary studies outside the United States. These must include the courses taken and/or lectures attended, practical laboratory work, the maximum and minimum grades attainable, the grades earned or the results of all end-of-term examinations, and any honors or degrees received. WES and ECE transcripts are accepted.

Tuition

Tuition	Cost Per Credit
Graduate Tuition	\$1,370

Additional charges may apply. Other resources are listed below:

Net Price Calculator (<https://www.slu.edu/financial-aid/tuition-and-costs/calculator.php>)

Information on Tuition and Fees (<https://catalog.slu.edu/academic-policies/student-financial-services/tuition/>)

Miscellaneous Fees (<https://catalog.slu.edu/academic-policies/student-financial-services/fees/>)

Information on Summer Tuition (<https://catalog.slu.edu/academic-policies/student-financial-services/tuition-summer/>)

Learning Outcomes

- Demonstrate a comprehensive understanding of health information technology used in the management of data and information within health care settings.
- Evaluate the potential of emerging technologies and other innovations in health care to transform health care processes and outcomes.
- Utilize tools and analytical methods to analyze, manage and effectively communicate health data.

Requirements

Code	Title	Credits
Required Courses		
HMP 5190	Analytical Methods for Health Management	3
HMP 5150	Artificial Intelligence in Health Care	3
HMP 5180	Visualizing and Communicating with Health Data	3
Health Technology		3
Choose one course		
HMP 5130	Health Information Systems	
HMP 5140	Leveraging Technology in Health Care Organizations	
Total Credits		12

Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

Online Option

Course	Title	Credits
Year One		
Spring		
HMP 5190	Analytical Methods for Health Management	3
HMP 5180	Visualizing and Communicating with Health Data	3
HMP 5150	Artificial Intelligence in Health Care	3
Credits		9
Summer		
HMP 5140	Leveraging Technology in Health Care Organizations	3
Credits		3
Total Credits		12

Residential Option

Course	Title	Credits
Year One		
Fall		
HMP 5190	Analytical Methods for Health Management	3
Credits		3
Year Two		
Fall		
HMP 5130	Health Information Systems	3
Credits		3
Spring		
HMP 5180	Visualizing and Communicating with Health Data	3
HMP 5150	Artificial Intelligence in Health Care	3
Credits		6
Total Credits		12