

HEALTHCARE ANALYTICS, GCRT

for the Graduate Certificate in Healthcare Analytics (online)

Students completing the online Healthcare Analytics Graduate Certificate will be equipped with the knowledge and skills to effectively manage and utilize information in healthcare settings. They will explore issues and trends in the healthcare landscape, including the legal and ethical landscape. In addition, students will learn how to apply their knowledge of healthcare analytics to the benefit of the healthcare organizations in which they work.

The online Graduate Certificate in Healthcare Analytics has been designed to allow the student to use this certificate students toward the completion of the online Master of Health Administration and Leadership program, which is designed to prepare mid-careerists in healthcare with the skills and knowledge to advance their careers and successfully navigate both necessary changes and opportunities to improve healthcare systems.

Students completing this certificate will receive credits that will apply toward the full MHA degree if they choose, but also gives them some credentials if they do not pursue the full degree program.

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3. Evaluate and analyze quantitative analytical methods: economic and financial evaluation, survey research, linear regression analysis, forecasting methods, linear programming, project management and bivariate comparison methods.
4. Examine data both qualitatively and/or quantitatively to determine patterns and trends.
5. Critically examine and assess the structure and conduct of selected qualitative methods, including focus groups, case studies, and interviews, considering their strengths, limitations, and relevance in various applied contexts.
6. Encourage diversity of thought through healthcare analytics to enhance problem solving, encourage better decision making, embrace inclusive design and accessibility and lead to adaptation in complex healthcare environments.

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Graduation Requirements

Minimum Cumulative GPA: 2.75

Minimum hours required for certificate completion: 12 hours

Students who have successfully completed this certificate may use the certificate courses to satisfy the following degree requirements, provided they apply and are admitted to the degree program:

HK 518, HK 529, and HK 538, requirements of the Health Administration MHA (online) degree program.

The required courses for this certificate are listed below.

Code	Title	Hours
Total Required Hours		12
HK 518	Health Law and Ethics	4
HK 529	Healthcare Informatics	4
HK 538	Current Issues and Trends in Healthcare	4
Total Hours Required for Graduation		12

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Students completing the online Healthcare Analytics Graduate Certificate will complete the following learning outcomes:

1. Evaluate information and respond accordingly with cultural sensitivity through internal and external communication.
2. Present and communicate results of data analysis in a way that is factual, credible and understandable to decision makers.