

Certificate in Healthcare Data Analytics

(This new certificate was approved by the CSULB Curriculum and Educational Policies Council on September 27, 2023, and approved by the President on October 10, 2023)

Certificate in Healthcare Data Analytics (12 units)

This certificate focuses on enhancing the academic development and training of health professionals to provide special data analytics and health informatics knowledge and skills. Students will complete four comprehensive courses for a total of 12 units. Students will learn to perform end-to-end exploratory data analysis (EDA), database management queries, storytelling using various data visualizations and how to tie these concepts together by modeling data-fueled solutions to realistic health system challenges. This certificate incorporates a thorough overview of healthcare data analytics that prepares future health professionals who wish to develop expertise or specialization to work in data analytics.

A “C” grade or better is required in all certificate courses.

Take all of the following courses:

- HCA 416 – Management and Information Systems (3 units)
- HCA 419 – Healthcare Database Management (3 units)
- HCA 420 – Healthcare Data Visualization (3 units)
- HCA 421 – Healthcare Data Analytics Capstone (3 units)

EFFECTIVE: Fall 2024

Academic Plan Code: HCA_CT02UG

Undergraduate Certificate

College: 15, College of Health and Human Services

Department: Health Care Administration

Delivery: Hybrid