HEALTH INFORMATICS AND DATA ANALYTICS GRADUATE CERTIFICATE

Banner Code: HH-CERG-HIDA

Academic Advising
Website: https://hap.gmu.edu/program/view/19933

This certificate prepares clinicians, health care managers, statisticians, epidemiologists, computer programmers, data analysts, and other professionals in analysis of complex health care data, including data extracted from electronic health records, claims data, and consumer generated data. Since electronic health records and related data repositories are becoming increasingly more massive, the certificate emphasizes topics related to big data analysis. Data mining, propensity scoring, and other advanced analytic techniques covered in the certificate can handle complex problems typically found in observational data: large, multidimensional and multi-type data sets, with many confounding issues and noise. These techniques can be computationally efficient on large scale analysis and intelligent in predicting an outcome.

This certificate qualifies for Title IV Federal Financial Aid. For more information about the educational debt, earnings, and completion rates of students who completed the program, and other important information, please visit the Gainful Employment Disclosure Template (https://irr2.gmu.edu/gedt/Health_Informatics_and_Data_Analytics/Gedt.html).

Admissions & Policies

Admissions
Applicants must hold a bachelor’s degree from a regionally-accredited institution and must have a minimum of a 3.0 GPA to be considered. Applicants must meet the admission standards and application requirements specified in Graduate Admissions and must apply using the online Application for Graduate Admission (https://www2.gmu.edu/admissions-aid). The application process is competitive, and applications are considered for the fall and spring semesters. For application deadlines and detailed application requirements, refer to the CHHS Admissions website (https://chhs.gmu.edu/admissions/graduate-admissions/standards-requirements-and-deadlines).

Policies
For policies governing all graduate certificates, see AP.6.8 Requirements for Graduate Certificates.

Requirements

Certificate Requirements
Total credits: 18

This certificate may be pursued on a full-or part-time basis.

Students must complete at least 18 credits of required courses with a grade of B or better. The course content and syllabi are also available at the program website (http://chhs.gmu.edu/hap/health-informatics/).