

ARTIFICIAL INTELLIGENCE IN HEALTH GRADUATE CERTIFICATE

Academic Advising

Website: <https://hap.gmu.edu/certificate-ai-health>

Overview

To meet the growing demand for healthcare workforce with training in Artificial Intelligence (AI), this certificate prepares students with essential skills to apply AI in public health and healthcare settings. Students gain a solid foundation of AI principles and their applications, learn to analyze and interpret complex health data, and to integrate AI technologies into existing healthcare systems. The program also emphasizes ethical considerations and regulatory compliance for responsible use of AI. Graduates will be prepared to leverage innovative AI applications in solving real-world health challenges to improve patient-centered and population health outcomes.

Admissions & Policies

Admissions

Applicants must meet the admission standards and application requirements specified in Graduate Admissions (<https://catalog.gmu.edu/admissions/graduate-policies/>) 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 College of Public Health Admissions website (<https://publichealth.gmu.edu/admissions/graduate-admissions/standards-requirements-and-deadlines/>).

The College of Public Health will require the following additional requirements for applicants to the certificate:

- Completed a graduate course in statistics

Applicants seeking enrollment without completing the required course must seek approval, in writing, from the program director.

Policies

Students should be familiar with the university-wide requirements AP.6.8 Requirements for Graduate Certificates (<https://catalog.gmu.edu/policies/academic/graduate-policies/#ap-6-8>)

Program Format

The Artificial Intelligence in Health Graduate Certificate is offered in-person and fully online.

Requirements

Certificate Requirements

Total Credits: 15

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

The certificate program will be offered on both full-time and part-time basis.

Required Courses

Code	Title	Credits
HI 618	Computational Tools in Health Informatics	3
HI 718	Consumer Health Informatics	3
HI 774	Artificial Intelligence in Health	3
HI 780	Data Mining in Health Care	3
ME 576	AI: Ethics, Policy, and Society	3
Total Credits		15

Banner Code: PH-CERG-AIHL