MASTER OF SCIENCE IN THE FIELD OF MANAGEMENT OF HEALTH INFORMATICS AND ANALYTICS

Program Director: P. MacTaggart

Rising demand in the field of health informatics can be attributed to the dramatic increase in biological and clinical data, as well as pressure to have better patient outcomes. Due to massive systematic changes and government mandates, it is critical, and often mandatory, that healthcare providers integrate new technologies to increase patient satisfaction and continuously search for new ways to leverage data that will improve public health.

The master of science in health informatics and analytics program (HealthInformatics@GW), tailored for current managers and executives in healthcare, teaches students to look at healthcare through a new lens and develop improvements that impact organizational, operational, and medical needs for providers and patients alike. Graduates acquire the ability to effectively translate data that will improve health care decisions and develop an expertise in areas such as health policy, community health analytics, and health innovation and disruption. They also gain skills in project management, business intelligence, health innovation, predictive analysis, and the Internet of Things.

Visit the program website (https://publichealthonline.gwu.edu/form-mhi/) for additional information.

ADMISSIONS

Program Start
- September 2020
- January 2021

Application Deadline
- June 4, 2020
- September 24, 2020
- June 25, 2020
- October 15, 2020
- July 23, 2020
- November 12, 2020

Prerequisites
- Hold a minimum 3.0 cumulative GPA.
- Hold a bachelor’s degree from a regionally accredited U.S. institution of higher learning or an international institution that is accredited by the country’s ministry of education or comparable governmental agency.
- Have two years of full-time health sector experience OR three years of full-time experience in any other industry.
- Pass an online examination prior to enrolling in module one if you have less than two years of health sector experience.

Application Requirements
- Official transcripts from each academic institution you have attended. They may be submitted electronically to applicationservices@publichealthonline.gwu.edu or sent to the following address:
  GW Public Health Online
  7900 Harkins Road
  Suite 501
  Lanham, MD 20706
- A current résumé that includes relevant professional and volunteer experience.
- A nonrefundable $75 application fee. Submit your application by the priority deadline and you may be eligible to have the application fee waived.
- A statement of purpose addressing your interest in the HealthInformatics@GW program, your career goals and what you hope to accomplish with your degree.
- Two letters of recommendation from a professional or academic reference.
- A brief video interview with an admissions manager, recorded via web camera.

English Language Proficiency Minimum Score Requirements
- TOEFL: 100 on the Internet exam (iBT)
- IELTS: 7.0 overall with no individual score below 6.0. If applicants provide their TRF number, the Office of Admissions & Enrollment can verify IELTS results.

Exceptions are granted to applicants who earned (or will earn before matriculation) a post-secondary degree from an institution in a country that qualifies for the English language exam exemption. If you are unsure whether you qualify for an exemption, please contact us via email (healthinformatics@publichealthonline.gwu.edu)

Supporting documents not submitted online should be mailed to:
Office of Admissions
REQUIREMENTS

The following requirements must be fulfilled: 45 credits in required courses, including 3 credits in immersion experiences.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>Required</strong></td>
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<tr>
<td>HSML 6264</td>
<td>Health Care Management and Strategy</td>
<td>5</td>
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<tr>
<td>HSML 6265</td>
<td>Medical Informatics and Decision Management</td>
<td>5</td>
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<tr>
<td>HSML 6280</td>
<td>Health Law and Policy</td>
<td>5</td>
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<tr>
<td>HSML 6290</td>
<td>Health IT Project Management</td>
<td>5</td>
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<tr>
<td>HSML 6291</td>
<td>Population and Community Health Analytics</td>
<td>5</td>
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<tr>
<td>HSML 6293</td>
<td>The Internet of Medical Things</td>
<td>3</td>
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<tr>
<td>HSML 6294</td>
<td>Research Analytics</td>
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<tr>
<td>HSML 6295</td>
<td>Predictive Analytics</td>
<td>3</td>
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<tr>
<td>HSML 6296</td>
<td>Health Innovations and Entrepreneurship</td>
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<tr>
<td>PUBH 6080</td>
<td>Pathways to Public Health</td>
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<td><strong>Immersion experiences</strong></td>
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<tr>
<td>HSML 6255</td>
<td>Leadership and Ethics I</td>
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<tr>
<td>HSML 6297</td>
<td>Health Informatics Simulation</td>
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<td><strong>Other requirements</strong></td>
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Students take a 3-credit course in business intelligence offered through the Consortium of Universities of the Washington Metropolitan Area.