

MASTER OF PUBLIC HEALTH (MPH)

Public Health Data Science

About the Program

The 48-credit Master of Public Health (MPH) program in Public Health Data Science is designed to produce graduates who will use health science data to encourage health equity, address disparities among underserved populations, and mitigate the impact of epidemics and natural disasters. This comprehensive program offers 33 credits dedicated to public health and 15 credits focused on computer science and STEM concepts. Through an interdisciplinary approach, students will gain the expertise necessary to address complex public health problems through data-driven, evidence-based solutions at local, state, national, and global levels.

Career Opportunities

Graduates of the MPH Public Health Data Science program will have the skills they need to lead in any number of fields, including:

- Associate research scientist
- Director of data & analytics
- Data processing control specialist
- Health scientist
- Facility data specialist
- Maternal and child health data scientist

Flexible Study Options

On-Campus/Hybrid/Virtual

Academic Calendar & Application Deadlines

Semester	Complete by:
Fall (Sep–Dec)	August 30
Winter (Jan–Apr)	December 30
Spring (Apr–Aug)	April 30

International applicants are encouraged to apply three months before the start date.



Contact Information

U.S. Citizens/Permanent Residents

Bronx Campus

Monroe University King Graduate School
2501 Jerome Avenue
Bronx, NY 10468

New Rochelle Campus

Monroe University King Graduate School
145 Huguenot Street,
New Rochelle, NY 10801

International Students

Monroe University King Graduate School
Office of International Programs
145 Huguenot Street,
New Rochelle, NY 10801

Students applying to the Saint Lucia Campus should send correspondence to:

Monroe University
P.O. Box CP5419, John Compton Highway
Castries LC04 101, Saint Lucia

For more information about the Master of Public Health Data Science (MPH),
please contact the King Graduate School or visit our website:
Phone: 1.800.556.6676; **Email:** king@monroeu.edu; **Website:** www.monroeu.edu/king

The MPH in Public Health Data Science is a 48-credit program consisting of seven public health core courses (21 credits), five computer science courses (15 credits), two research courses (6 credits), one capstone course (3 credits), and an internship (3 credits).

Prerequisites

KG 578 Business Analytics Foundations

KG 571 Foundations of Programming

Curriculum (48 credits)

KG 604 Graduate Research & Critical Analysis

PH 601 Public Health Systems and Practice

PH 605 Behavioral and Social Aspects of Public Health

PH 640 Environmental and Occupational Health

PH 650 Health Policy and Management

PH 660 Principles of Biostatistics

PH 690 Global Health

PH 705 Principles of Epidemiology

PH 770 Research Methods in Public Health

PH 780 Internship in Public Health

CS 628 Data Science

CS 630 Database Systems

CS 632 Data Structures and Algorithms in Public Health

CS 642 Data Visualization in Public Health

CS 655 Machine Learning

PH 785 Culminating Experience in Public Health
