

HEALTH SCIENCE AND HEALTH INFORMATICS, BS/MS

Campus: Westchester

Requirement	Credits
University Core	44
Major Courses	45
Open Electives	11
Additional Graduate Courses for MSHI Degree	30
Total Credits	130

University Core Requirements (44 Credits)

See complete University Core requirements.

Note: Various major-required math and science courses, and courses required for MSOT admission (such as ANT101, SOC102, and PSY112), listed below may fulfill foundation, area of knowledge, and/or core requirements. Please consult with an academic advisor.

Major Requirements (45 Credits)

Code	Title	Credits
Health Science Requirements (30 credits)		
HSC 100	Health Care Ethics	3
HSC 110	Introduction to Health Promotion and Disease Prevention	3
HSC 200	Health Care for Diverse Populations	3
HSC 205	Health Informatics and Telehealth (Substitute HINF 610)	3
HSC 210	Health Care Policy	3
HSC 300	Genetics in Health Care	3
HSC 305	Introduction to Epidemiology and Evidence-Based Practice	3
HSC 400	Leadership and Management in Health Care	3
HSC 480	Capstone Project I	3
HSC 481	Capstone Project II (Substitute HINF 691)	3
Major Concentration - Global Health (15 credits)		
HSC 315	Global Health IT and Innovations	3
HSC 320	Global Primary Health Care: An Introduction	3
HSC 330	Global Environmental Health	3
HSC 405	Global Health: A Field Experience	3
HSC 410	Global Health Care Systems	3

Open Electives (11 CREDITS)

Code	Title	Credits
UNV 101	First-Year Seminar: Introduction to University Community	1
BUS 101	Contemporary Business Practice	3
General Electives		7

First Year MSHI Program (30 Credits)

Code	Title	Credits
HINF 610	Healthcare Environments and Delivery Systems	3
HINF 615	Ethics, Privacy, and Security	3
HINF 630	Clinical Systems A	3
HINF 635	Clinical Systems B	3
HINF 691	Evidence-Based Practice and Research for Health Informatics	3
IS 613	Database Management Systems	3
IS 638	Introduction to User Experience Design	3
IS 669	Big Data and Information Systems	3

IS 678	Location Analytics and Web GIS	3
IS 680	Data Science I: Introduction to Data Science and Visualization	3