

HEALTH ANALYTICS B.S.

Analytics is the new frontier for health care organizations. Analytics offers the opportunity to identify areas of performance that can be improved, both in terms of the quality and cost of care. The mission of the health analytics program is to prepare students with the skills, knowledge and ethics necessary to work in a variety of health service organizations. The program prepares students to analyze large sets of health-related data from a variety of sources, and to effectively communicate those findings to diverse audiences.

Health analytics helps healthcare organizations convert massive amounts of information into usable, data driven intelligence. Qualified professionals in this field must work well as individuals and as members of a team. They must possess excellent written and verbal communication skills, as well as analytic ability. They must also understand healthcare systems and their management.

Admission and internal transfers into this program has been paused for the 2023-2024 academic year.

Required for Health Analytics Degree

Code	Title	Credits
	General Education Requirements	30
	Major Requirements	57
	Liberal Arts and Science Electives	33
Total Credits		120

Health Analytics Major Requirements

Code	Title	Credits
HUM-101	Introduction to Health Humanities	3
HUM-102	Cultural Studies in Healthcare	3
HAPH-110	Introduction to Public Health	3
TWO BIOLOGICAL		8
HAPH-210	Introduction to Healthcare Systems	3
HAPH-240	Introduction to Health Analytics	3
MAT-220	Applied Regression Analysis	3
UNDERGRADUATE		3
MAT-228	Applied Statistical Inquiry	3
HAPH-302	Global Health	3
or HAPH-306	Population Health	
HAPH-308	Research Methods for Healthcare Managers	3
or SOS-302	Research Methods in Social Sciences	
HAPH-349	Healthcare Finance	3
HAPH-382	Managerial Epidemiology	3
HAPH-406	Health Information Management	3
HAPH-410	Health Care Policy and Law	3
HAPH-440	Applications in Analytics and Visualization	3
HAPH-420	Health Services Management Internship	3
HAPH-430	Senior Seminar	1
Total Credits		57

Minimum total credits for graduation: 120

Good Academic Standing

To be in good academic standing in the health analytics program students must maintain a cumulative GPA of 2.50.

Academic Probation

Students who are not in good academic standing will be placed on academic probation for their next (non-summer) semester. Students on academic probation will be limited to 13 credit hours during the semester they are on academic probation. Students will be removed from probation if they meet the requirements for good academic standing listed above. Students can remain on academic probation for two consecutive, non-summer, semesters.

Dismissal

Students will be dismissed from the health analytics program if they fail to remain in good academic standing after having been on academic probation during the immediate two preceding consecutive, non-summer, semesters.

Graduation Requirements

Students will be eligible for a baccalaureate degree from the health analytics program if they:

1. Fulfill all college and major curriculum requirements
2. Earn a cumulative GPA of 2.5
3. Earn a minimum of a C in program Capstone and Internship requirements

Appeals

To appeal a decision rendered by the School of Health Professions faculty/administration that has academic consequences, you must follow the appeal procedures which are available at www.dyc.edu/appeals (<http://www.dyc.edu/appeals/>).

Applicants must meet these criteria for entrance into the health analytics program:

1. High school average of at least 85
2. Transfer students must have a minimum cumulative GPA of 2.5