

HEALTH SCIENCE, BS

Campus: NYC, Westchester

The Bachelor of Science in Health Science (HSC) program provides students with a broad understanding of the healthcare system and an interdisciplinary foundation in the health sciences. This program integrates coursework in the basic sciences with specialized health-related studies, preparing students for diverse career opportunities in healthcare settings. It also provides a strong academic foundation for those planning to pursue post-graduate professional programs, such as physician assistant studies, pre-licensure nursing, and other health practitioner fields.

The program requires 120 credits, including 45-60 credits of health science coursework that allow students to focus their studies in health-related areas that align with their professional interests. All students must choose one concentration in either Pre-Health or Interdisciplinary Health Science and will complete 30 credits of foundational health science core curriculum, along with 15-30 credits of coursework in one or both of the health-related areas of focus: Global Health and Health Policy & Advocacy.

Graduates of the program are prepared for roles in hospitals, private medical offices, government and community health agencies, global health organizations, and other healthcare settings. Career pathways may include healthcare administration, health education, and more.

Note: Completion of the health science program does not guarantee admission to a physician assistant, accelerated nursing program, or any other post-baccalaureate program. Graduates of the Bachelor of Science in Health Science must apply to those programs, meet program/institution-specific requirements, and compete with all other applicants.

Visit Health Science, BS (<https://www.pace.edu/program/health-science-bs?college-health-professions>) to learn more about the program.

Major Completion Summary

Requirement	Credits
University Core Requirements	60
Major Requirements	45-60
Total Credits	120

University Core Requirements (59-62 Credits)

See complete University Core (<https://catalog.pace.edu/undergraduate/university-core-curriculum/>) requirements.

Code	Title	Credits
University Core ¹		
UNV 101A5	Topic: First-Year Seminar: The Interdisciplinary World of Patient Care	3
<i>Foundation Requirements</i>		
ENG 110	Composition ²	3
ENG 120	Critical Writing	4
ENG 201	Writing in the Disciplines	3
COM 200	Public Speaking	3
Foreign Language Requirement		6
CIS 101	Introduction to Computing	3
MAT 134	Introduction to Probability and Statistics	3
Approved Lab Science		3-4
<i>Arts and Humanities (AH)</i>		9
<i>Natural Sciences (NS) and Social Sciences (SS)</i>		6-8
PSY 112	Introduction to Psychology	4
Students should work with their academic advisor to tailor courses to their intended program of advanced study.		
Open Electives		8-10

¹ Additionally, courses with the following attributes are required:

- One Learning Community (LC) course
- Two Writing-Enhanced (WEC) courses

- One Civic Engagement and Public Values (CE) course
- Two Anti-Racism Education (ARE) courses

Health Science Major Requirements (45-60 credits)*

Code	Title	Credits
Required Core		
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	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	3
Health Science Areas of Focus ¹		15
<i>Global Health</i>		
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
<i>Health Policy and Advocacy</i>		
HSC 310	History of Health Care Systems	3
HSC 325	Patient Education and Advocacy	3
HSC 335	Health Policy: The Current State of Affairs	3
HSC 420	Current Issues in Healthcare Delivery	3
POL 111	American Government and Political Institutions ²	3

¹. Pre-Health students choose one Area of Focus. Interdisciplinary Health Sciences students complete both Areas of Focus.

². Students may also substitute HSC 324 with one of the following: POL 111, POL 118, POL 220, POL 222, CRJ 121.

Concentrations

Students in the Bachelor of Science in Health Science program will select from one of the following two options.

Interdisciplinary Concentration

Course	Title	Credits
First Year		
Fall		
UNV 101A5	Topic: First-Year Seminar: The Interdisciplinary World of Patient Care	3
HSC 110	Introduction to Health Promotion and Disease Prevention	3
ENG 110	Composition	3
BUS 101	Contemporary Business Practice	3
Arts and Humanities (AH) course		3
Credits		15
Spring		
HSC 100	Health Care Ethics	3
ENG 120	Critical Writing	4
CIS 101	Introduction to Computing	3
PSY 112	Introduction to Psychology	4

Arts and Humanities (AH) course		3
	Credits	17
Second Year		
Fall		
HSC 200	Health Care for Diverse Populations	3
HSC 210	Health Care Policy	3
Choose one approved Lab Science course ²		4
COM 200	Public Speaking	3
First Second Language Course. See Advisor for guidelines.		3
	Credits	16
Spring		
HSC 205	Health Informatics and Telehealth	3
HSC 330	Global Environmental Health	3
HSC 324	Government, Politics and Policy ¹	3
MAT 134	Introduction to Probability and Statistics	3
Second Language Course, if applicable		3
	Credits	15
Third Year		
Fall		
HSC 300	Genetics in Health Care	3
HSC 320	Global Primary Health Care: An Introduction	3
HSC 335	Health Policy: The Current State of Affairs	3
ENG 201	Writing in the Disciplines (Natural Sciences and Social Sciences course)	3
Open Elective		3
	Credits	15
Spring		
HSC 305	Introduction to Epidemiology and Evidence-Based Practice	3
HSC 315	Global Health IT and Innovations	3
HSC 310	History of Health Care Systems	3
Natural Sciences (NS) and Social Sciences (SS) course		3
Arts and Humanities (AH) course		3
	Credits	15
Fourth Year		
Fall		
HSC 480	Capstone Project I	3
HSC 400	Leadership and Management in Health Care	3
HSC 325	Patient Education and Advocacy	3
Natural Sciences (NS) and Social Sciences (SS) course		3
	Credits	12
Spring		
HSC 481	Capstone Project II	3
HSC 405	Global Health: A Field Experience	3
HSC 410	Global Health Care Systems	3
HSC 420	Current Issues in Healthcare Delivery	3
Open Elective		3
	Credits	15
	Total Credits	120

1. Students may also substitute HSC 324 with one of the following: POL 111, POL 118, POL 220, POL 222, CRJ 121

2. Approved foundation sciences courses (<https://www.pace.edu/dyson/current-students/university-core-curriculum/foundation-courses>) can be online.

Pre-Health Professions Concentration

Course	Title	Credits
First Year		
Fall		
UNV 101A5	Topic: First-Year Seminar: The Interdisciplinary World of Patient Care	1
HSC 110	Introduction to Health Promotion and Disease Prevention	3
ENG 110	Composition	3
CHP 105	Introduction to Nutrition	3
CIS 101	Introduction to Computing	3
Credits		13
Spring		
HSC 100	Health Care Ethics	3
ENG 120	Critical Writing	4
PSY 112	Introduction to Psychology (AOK 5)	4
Arts and Humanities (AH) course		3
Arts and Humanities (AH) course		3
Credits		17
Second Year		
Fall		
HSC 200	Health Care for Diverse Populations	3
HSC 210	Health Care Policy	3
MAT 134	Introduction to Probability and Statistics	3
Natural Sciences (NS) and Social Sciences (SS)		3
Approved Lab Science		3-4
Credits		15-16
Spring		
HSC 205	Health Informatics and Telehealth	3
POL 111	American Government and Political Institutions	3
ENG 201	Writing in the Disciplines	3
Natural Sciences (NS) and Social Sciences (SS)		3
Arts and Humanities (AH) course		3
Credits		15
Third Year		
Fall		
HSC 300	Genetics in Health Care	3
BIO 251	Principles of Human Anatomy	4
HSC 335	Health Policy: The Current State of Affairs	3
Open Elective		4
Open Elective		3
Credits		17
Spring		
HSC 305	Introduction to Epidemiology and Evidence-Based Practice	3
HSC 310	History of Health Care Systems	3
COM 200	Public Speaking	3
Natural Sciences (NS) and Social Sciences (SS) course		3
Open Elective		3
Credits		15
Fourth Year		
Fall		
HSC 480	Capstone Project 1	3
HSC 400	Leadership and Management in Health Care	3
HSC 325	Patient Education and Advocacy	3

Second Language Course. See Advisor for guidelines.	3
Open Elective	3
Credits	15
Spring	
HSC 481 Capstone Project II	3
HSC 420 Current Issues in Healthcare Delivery	3
Second Language Course. See Advisor for guidelines.	3
Open Elective	3
Credits	12
Total Credits	119-120

- * 1. Students may also substitute HSC 324 with one of the following: POL 111, POL 118, POL 220, POL 222, CRJ 121
2. Pre-Health Professions students complete one Health Science area of focus choosing between the following: Policy & Advocacy (HSC 310, HSC 324, HSC 325, HSC 335, and HSC 420) or Global Health (HSC 315, HSC 320, HSC 330, HSC 405, HSC 410)

Health Science, BS + Graduate Combined Degree Programs

The following curriculum are for students enrolled in a combined degree program, earning a Bachelor of Science in Health Science and a master's degree in either Nutrition and Dietetics, Occupational Therapy, or Public Health, completing both degrees in five years.

Visit each bachelor's and master's combined degree program below to view the major map.

- **Health Science and Nutrition and Dietetics, BS/MS** (<https://catalog.pace.edu/undergraduate/schools/college-health-professions/curriculum-information/combined-degrees/health-science-bs-nutrition-dietetics-ms/>)
- **Health Science and Occupational Therapy, BS/MS** (<https://catalog.pace.edu/undergraduate/schools/college-health-professions/curriculum-information/combined-degrees/health-science-bs-occupational-therapy-ms/>)
- **Health Science and Public Health, BS/MPH** (<https://catalog.pace.edu/undergraduate/schools/college-health-professions/curriculum-information/combined-degrees/health-science-bs-public-health-mp/>)