

HEALTH SCIENCE AND OCCUPATIONAL THERAPY, BS/MS

Campus: Westchester

In this program, students complete both the Bachelor of Science in Health Science and the Master of Science in Occupational Therapy (MSOT) in five years. The undergraduate degree requirements can be met on both the New York City and Pleasantville campuses. The graduate courses in Occupational Therapy will be completed on the Pleasantville campus.

Students will get a strong foundation in health science including an understanding of the role of social determinants of health that contribute to health disparities and how to mitigate these effects through planning and programming. The degree will position them for successful careers working with diverse patient populations in a variety of healthcare settings and prepare them to be competent and ethical Occupational Therapy practitioners who maximize clients' quality of life and occupation engagement through technology, evidence-based, client-centered, and inter-professional practice.

Students are encouraged to declare their interest in the dual degree program when they are in the sophomore year of their BS in Health Science and then apply for acceptance into the joint degree program with the MSOT during their junior (third year). Upon completion of this program, graduates will receive the verification statement required to sit for the National Board for Certification in Occupational Therapy (NBCOT) licensing exam.

Requirement	Credits
University Core	44
Major Courses	36
Open Electives	26-36
Additional Graduate Courses for MS Degree	28-31
Total Credits	175

University Core Requirements (44 Credits)

See complete University Core (<https://catalog.pace.edu/undergraduate/university-core-curriculum/>) 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 (36 Credits)

Code	Title	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	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 310	History of Health Care Systems	3
HSC 325	Patient Education and Advocacy	3
HSC 400	Leadership and Management in Health Care	3
HSC 480	Capstone Project I	3
HSC 481	Capstone Project II	3

Open Electives (26-36 CREDITS)

Code	Title	Credits
UNV 101	First-Year Seminar: Introduction to University Community	1
BIO 152	Anatomy and Physiology I	4
BIO 153	Anatomy and Physiology II	4
PHY 101	College Physics I	4

First Year OT Program (28-31 Credits)

Code	Title	Credits
OTH 500	Occupational Therapy Theory and Occupation Analysis	0-5
OTH 505	Occupation Engagement Across the Life Span	0-3
OTH 510	Applied Neuroscience for Occupational Therapy	0-3

OTH 515	Functional Anatomy and Kinesiology for Occupational Therapy	0-5
OTH 525	Professionalism I: Communication Skills and Interprofessional Practice	1
OTH 530	Occupational Therapy Practice in Mental Health	0-4
OTH 535	Clinical Reasoning I: Community-based/Mental Health Level I Fieldwork	1
OTH 550	Occupational Therapy in Productive Aging	0-3
OTH 555	Orthopedics and Neuro-Rehabilitation	0-3
OTH 560	Research Methods in Occupational Therapy	3

Course	Title	Credits
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First Year**Fall**

UNV 101	First-Year Seminar: Introduction to University Community	1
HSC 110	Introduction to Health Promotion and Disease Prevention	3
ENG 110	Composition	3
PSY 112	Introduction to Psychology	4
SOC 102	Introduction to Sociology	3
Humanistic & Creative Expressions (AOK 4)		3

Credits	17
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Spring

HSC 100	Health Care Ethics	3
ENG 120	Critical Writing	4
CIS 101	Introduction to Computing	3
COM 200	Public Speaking	3
MAT 134	Introduction to Probability and Statistics	3

Credits	16
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Second Year**Fall**

HSC 200	Health Care for Diverse Populations	3
HSC 210	Health Care Policy	3
BIO 152	Anatomy and Physiology I	4
CHE 113	Principles of Chemistry for the Health Professions	4
First Second Language Course. See Advisor for guidelines.		3

Credits	17
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Spring

HSC 310	History of Health Care Systems	3
HSC 305	Introduction to Epidemiology and Evidence-Based Practice	3
BIO 153	Anatomy and Physiology II	4
PSY 320	Abnormal Psychology I	3
Second Language Required Course. See Advisor for guidelines.		3

Credits	16
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Third Year**Fall**

HSC 300	Genetics in Health Care	3
HSC 325	Patient Education and Advocacy	3
HSC 480	Capstone Project 1	3
HSC 400	Leadership and Management in Health Care	3
PHY 101	College Physics I	4

Credits	16
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Spring

ENG 201	Writing in the Disciplines	3
PSY 375	Lifespan Development Psychology	4

PSY 315 or PSY 323	Cognitive Psychology or Psychology of Learning	4
World Traditions & Cultures (AOK 3)		3
Choose One Additional AOK (either AOK 2, AOK 3, AOK 4, AOK 5)		3
Credits		17
Fourth Year		
Fall		
OTH 500	Occupational Therapy Theory and Occupation Analysis	5
OTH 505	Occupation Engagement Across the Life Span	3
OTH 510	Applied Neuroscience for Occupational Therapy	3
OTH 515	Functional Anatomy and Kinesiology for Occupational Therapy	5
Credits		16
Spring		
OTH 525	Professionalism I: Communication Skills and Interprofessional Practice	1
OTH 530	Occupational Therapy Practice in Mental Health	4
OTH 535	Clinical Reasoning I: Community-based/Mental Health Level I Fieldwork	1
OTH 550	Occupational Therapy in Productive Aging	3
OTH 555	Orthopedics and Neuro-Rehabilitation	3
OTH 560	Research Methods in Occupational Therapy	3
Credits		15
Summer		
OTH 540	Occupational Therapy Practice in Physical Dysfunction	4
OTH 565	Evidence-Based Research in Occupational Therapy	2
OTH 545	Clinical Reasoning II: Adulthood/Geriatrics Level I Fieldwork	1
Credits		7
Fifth Year		
Fall		
OTH 570	Occupational Therapy Practice in Pediatrics	4
OTH 575	Clinical Reasoning III: Pediatrics/Adolescence Level I Fieldwork	1
OTH 605	Evidence-Based Practice and Occupational Therapy Research Project-A	3
OTH 610	Environmental Adaptations, Home Modifications and Ergonomics	3
OTH 615	Professionalism II: Professional Identity and Ethics	3
Credits		14
Spring		
OTH 620	Assistive/Telehealth Technology and Virtual Environments	3
OTH 625	Current Trends and Emerging Areas in Occupational Therapy	1
OTH 630	Evidence-Based Practice and Occupational Therapy Research Project-B	2
OTH 635	Quality of Life, Health Promotion and Wellness	2
Credits		8
Summer		
OTH 645	Occupational Therapy Leadership, Entrepreneurship, and Advocacy	3
OTH 640	Clinical Reasoning IV: Fieldwork Level II	1
OTH 650	Fieldwork II A	6
Credits		10
Sixth Year		
Fall		
OTH 655	Fieldwork II B	6
Credits		6
Total Credits		175