Health Sciences, Pre-Medical, BS

The HSPH Health Sciences – Pre-medical Concentration major is designed for aspiring medical students. Our curriculum emphasizes the core sciences that most medical schools require, including anatomy & physiology, biology, chemistry, and physics. In addition, you gain an understanding of human health in courses featuring human diseases, health systems and policy, nutrition, health disparities, and aging. This approach ensures you will gain knowledge in human health and the healthcare system for your medical career.

CUSTOMIZED CURRICULUM

Our program provides a structured curriculum that meets core science medical school prerequisites for most schools, while offering elective courses to fulfill more specific medical school requirements, explore other areas of interest, or pursue a minor.

HANDS-ON EXPERIENCES

Our students apply their knowledge through fieldwork and volunteer work in various healthcare settings. Participation in research will further strengthen their medical school application

SUPPORT AND GUIDANCE

The journey to medical school is challenging, and we're here to help. The IC Health Professions Advisory Committee offers crucial guidance on the medical school application process. Regular meetings with your academic advisor provide help with course selection and planning your next steps.

SUCCESSFUL GRADUATES

Our graduates have been accepted at institutions such as Harvard University, University of Connecticut, Drexel College of Medicine, Lake Erie College of Osteopathic Medicine, Philadelphia College Osteopathic Medicine and other top universities and colleges.

For more information:
HSHPdean@ithaca.edu • or visit www.ithaca.edu/academics/school-health-sciences-and-human-performance

ITHACA COLLEGE
School of Health Sciences and Human Performance

Health Sciences, Pre-Medical, BS

Cumulative total for Degree = 120 credits

First Year Fall Courses
ICC-ICSM Ithaca Seminar (ICSM)(4)
HLTH 10100 Intro to Healthy Aging (3)
CHEM 12100 Principles of Chemistry (3)
CHEM 12200 Principles of Chemistry Lab (1)
MATH xxxxx Statistic Elective (QL)(3-4)
MATH 14400, 14500, 15500, or 21600

First Year Spring Courses
CHEM 22100 Organic Chemistry I (3)
CHEM 22300 Organic Chemistry I Lab (1)
BIO 11900 Fundamentals of Biology I (4)
PSYC 10300 General Psychology or
PSYC 10400 Developmental Psychology (3)
WRTG 10600 Academic Writing (AW)(4)

Second Year Fall Courses
EXSS 12000 Anatomy & Physiology I (4)
HLTH 20500 Critical Health Issues (DV,SO)(3)
CHEM 22200 Organic Chem II (3)
CHEM 22400 Organic Chem II Lab (1)
MATH 10800 Applied Calculus or
MATH 11100 Calculus I (4)

Second Year Spring Courses
EXSS 12100 Anatomy & Physiology II (4)
HLTH 22900 Human Disease (3)
HLTH 20200 Human Nutrition (SC)(3)
CHEM 23200 Quantitative Chemistry w/ Lab (4)
Free Elective (1)

Third Year Fall Courses
HLTH 21700 Epidemiological Approaches (3)
BIO 12000 Fundamentals of Biology II (4)
ICC xxxxx ICC Humanities (HM)(3)
PHYS 10100 Intro to Physics I or
PHYS 11700 Momentum, Energy & Heat (4)
Free Elective (1)

Third Year Spring Courses
PHYS 10200 Intro to physics II or
PHYS 11800 Classical Fields, Gravity, Momentum (4)
ICC xxxxx ICC Social Science (SO)(3)
HLTH 31600 Health Research & Analysis (QL)(3)
Free Electives (5)

Fourth Year Fall Courses
HLTH 41700 Public Health: Policy & Justice (WI)(3)
ICC xxxxx ICC Creative Arts (CA)(3)
HLTH 34900 Fieldwork in Health or
HLTH 45300 Supervised Research (3)
Free Electives (6)

Fourth Year Spring Courses
HLTH 44400 Leadership in Health (CP)(2)
Free Electives (15)

Integrative Core Curriculum: Creative Arts (CA), Humanities (HM), Natural Sciences (SC), Social Sciences (SO), Ithaca Seminar (ICSM), Academic Writing (AW), Diversity (DV), Quantitative Literacy (QL), Writing Intensive (WI), Capstone (CP)