



CAREERS

Depending on their course selection, graduates of the human physiology program can expect to pursue careers in a wide variety of settings. Recent graduates have worked in a number of capacities including:

- Physician**, Vanderbilt University Medical Center
- Orthopedic Surgeon**, Cleveland Clinic Foundation
- Dentist**, United States Navy
- Forensic Chemist**, Massachusetts State Police Crime Lab
- Research Technician**, Harvard Medical School
- Clinical Researcher**, Massachusetts General Hospital
- Physical Therapist**, Charles River Sports Therapy
- Attorney**, Bernstein & Maffeo LLP
- Health Care Consultant**, Deloitte & Touche
- Manager, Operations**, Boston Medical Technologies
- Nurse**, New England Medical Center

For more information, please visit www.bu.edu/sargent or contact Program Director Judy Schotland at hphys@bu.edu or 617-353-2718.



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Pre-MED

HUMAN PHYSIOLOGY—A Great Way to Get There

ABOUT THE DEGREE

The human physiology major provides a broad background in science and health while simultaneously preparing students to analyze the functions of the human body in a variety of research and clinical settings. By centering on the body, this program provides a more concentrated focus than traditional pre-professional medical degree programs.

Students take core courses in the sciences during the first two years of the program in addition to courses in the humanities and social sciences. During the final two years of study, human physiology majors take advanced sequences of courses in physiology, anatomy, and neuroscience, culminating in an internship at an area healthcare or research facility. Students in this major may take electives in cell and molecular biology, vascular physiology, endocrinology, histology, and other health sciences fields.

The human physiology major is an excellent option for students who want to apply to medical school and other health-related graduate programs including medicine, dentistry, basic biological sciences, and health professions. The curriculum has pre-medical courses built directly into the program as requirements. Graduates of this program are also qualified for entry-level research and clinical positions.



Former human physiology students Chad Ferris and Nina Gluchowski now attend medical school.

DEGREE REQUIREMENTS

Freshman Year

- General Biology (2 semesters)
- General Chemistry (2 semesters)
- Writing Seminar (2 semesters)
- Introduction to Health & Rehabilitation Sciences
- PDP Activity
- Freshman Experience Seminar
- General Psychology

Sophomore Year

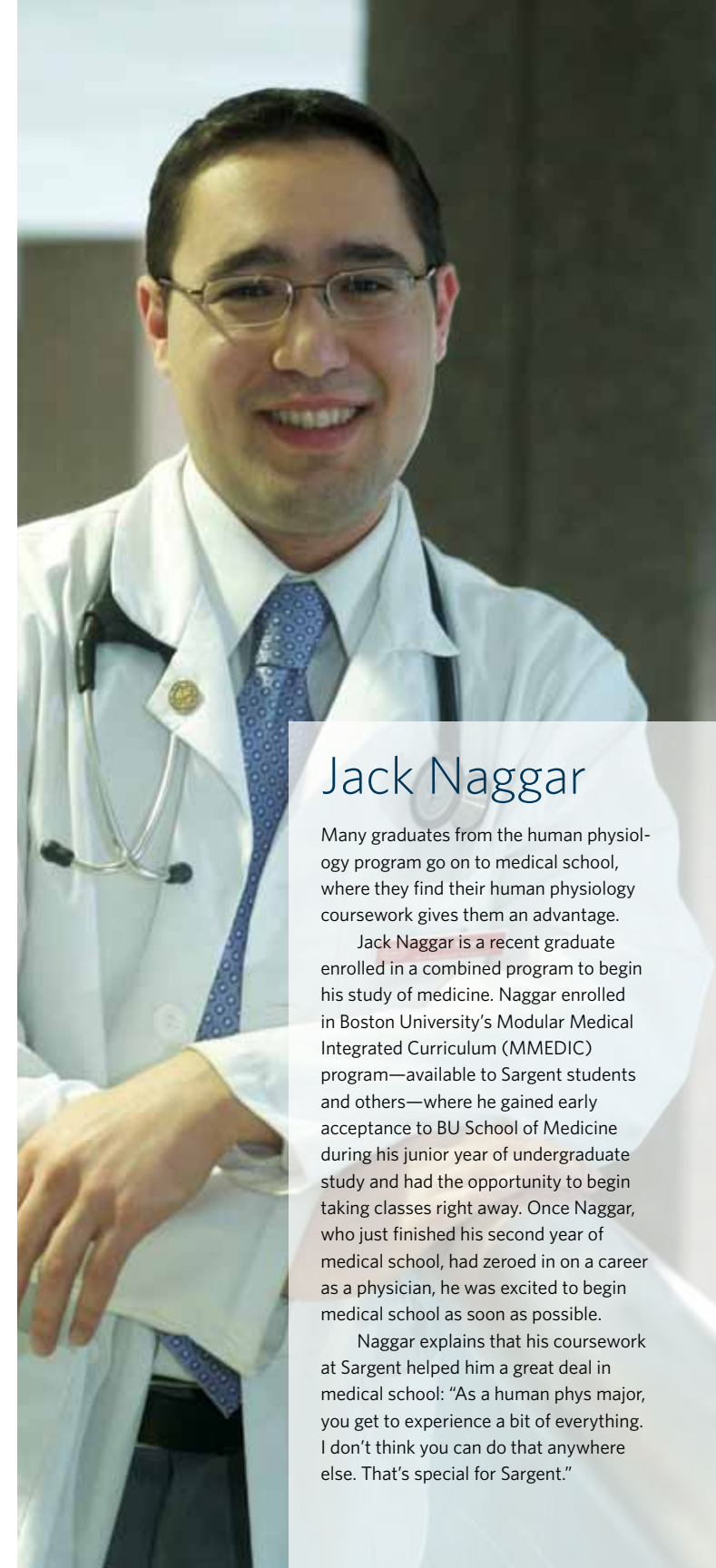
- Organic Chemistry (2 semesters)
- Cell Biology
- Systems Physiology
- Calculus (2 semesters)
- Humanities elective
- Social Science elective

Junior Year

- Exercise Physiology
- Elementary Physics (2 semesters)
- Biochemistry
- Statistics
- Humanities electives (2)
- Social Science elective

Senior Year

- Gross Human Anatomy
- Cardiopulmonary Pathophysiology
- Neuroanatomy and Neurophysiology
- Human Nutrition Science
- Fieldwork Experience: Human Physiology
- General electives (3)



Jack Naggar

Many graduates from the human physiology program go on to medical school, where they find their human physiology coursework gives them an advantage.

Jack Naggar is a recent graduate enrolled in a combined program to begin his study of medicine. Naggar enrolled in Boston University's Modular Medical Integrated Curriculum (MMEDIC) program—available to Sargent students and others—where he gained early acceptance to BU School of Medicine during his junior year of undergraduate study and had the opportunity to begin taking classes right away. Once Naggar, who just finished his second year of medical school, had zeroed in on a career as a physician, he was excited to begin medical school as soon as possible.

Naggar explains that his coursework at Sargent helped him a great deal in medical school: "As a human phys major, you get to experience a bit of everything. I don't think you can do that anywhere else. That's special for Sargent."