

FREQUENTLY ASKED QUESTIONS

How will the MBS program help me get into medical school?

Our program is specifically designed to help students strengthen their academic credentials and improve their chances of being accepted to medical school.

May I apply to medical school and receive recommendations from the program before completing it?

Students can apply to medical school while enrolled in the MBS program, or after they have completed it. Our program staff provides whatever support candidates require during this process.

Does the MBS program provide premedical advising?

Yes, each MBS student is assigned to an advisor, who is part of the MBS Academic Partnership initiative. Each partner not only serves as the student's academic advisor, but also as their personal premedical advisor. In addition, the coordinator of this initiative as well as the MBS program director are also available for advising.

What opportunities are available in addition to medical school?

The MBS degree indicates completion of a graduate-level education and is excellent preparation for other health sciences educational programs, as well as biomedical careers. Our program has outstanding advising and counseling services for students wishing to explore these opportunities.

When does the program start and end?

Classes begin the last week in August. The end date varies according to the options chosen. Students can complete the program as early as the end of the first year and, depending on the thesis and/or degree options chosen, as late as the end of the second year.

How long is the combined MBS/MPH program?

We have designed a special joint option that consolidates the MS and MPH degrees into a total of two years. Candidates may apply for the MPH during the first (MBS) year.

How long is the combined MBS/MBA program?

The MBA portion of the program starts in late June after MBS classes end. It continues for 14 months and finishes the following year in late July. Candidates may apply for the MBA during the first (MBS) year then enroll in the biostatistics course as their spring semester elective.

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MS in Biomedical Sciences Program

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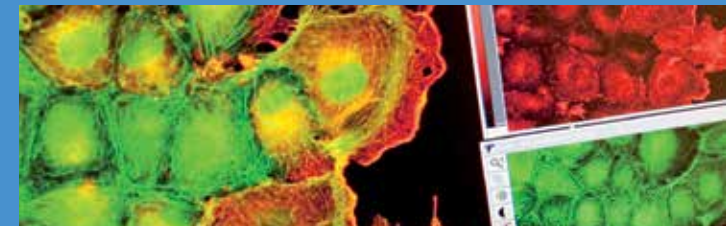
Boston, Massachusetts 02111

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Tufts

UNIVERSITY

School of Medicine



MS IN BIOMEDICAL SCIENCES
DEGREE PROGRAM (MBS)

A Gateway to a Career in Medicine

Medicine is a rigorous, rewarding profession that demands the best of those who choose to pursue it. To become tomorrow's health care providers, today's medical students need the right skills to master an ever-expanding base of knowledge.

If your goal is to go to medical or dental school, but you feel you need more knowledge and experience before applying, Tufts University School of Medicine's Master of Science in Biomedical Sciences (MBS) degree may be right for you.

A pioneer in medical education since 1893, Tufts' School of Medicine offers the full-time MBS program to help students strengthen their academic credentials and improve their chances of being accepted to medical or dental school.

THE TUFTS MBS ADVANTAGE

Medical School Curriculum The MS in Biomedical Sciences program closely follows Tufts University School of Medicine's (TUSM) first-year medical curriculum and is taught by our award-winning faculty—the same professors who teach our medical students. The MBS program also offers unique courses in computer-based anatomy, basic human pathology, and clinical medicine.

Early Clinical Exposure Our introductory course in clinical medicine gives our students a look into the fundamental principles of patient care even before entering medical school.

Individual Attention Our faculty and senior administration are very accessible, creating a nurturing and supportive environment for our MBS students. Class sizes are smaller than Tufts' medical classes, and each student is assigned a faculty advisor (Academic Partner). Academic Partners each mentor nine MBS students or fewer on all matters of the program; in addition, Academic Partners serve as students' personal premedical advisors.



Innovative Technology Our award-winning online curriculum database, known as TUSK (Tufts University Sciences Knowledgebase), covers virtually every course in the curriculum and contains a wealth of multimedia resources, including course syllabi and texts, lecture slides, medical imaging, video streaming, and links to full-text journal articles.

Culturally Rich Environment Classes are held at the university's health sciences campus, home to several Tufts health research and teaching institutions. The campus is located in downtown Boston, a city renowned for its biomedical research.

MBS CURRICULUM OVERVIEW

The MBS curriculum is designed to give students an intense, immersive experience that closely follows the first year of medical school. The course work, examinations, and clinical training that MBS students undergo match those taken by Tufts first-year medical students. In addition, MBS students receive specialized training and faculty mentoring that helps them master fundamental skills and knowledge intrinsic to the medical curriculum.

The MBS core curriculum consists of 12 required courses, nine of which are identical to or based upon our current School of Medicine courses. Students take one full course or two half courses of electives from courses offered by our Graduate Biomedical Sciences and Public Health Programs. Students also complete a literature- or laboratory-based thesis following the course work.

MBS students may also choose to pursue either a joint Master of Public Health (MPH) degree or a Master of Business Administration (MBA) degree, both of which can be completed during a second year. Students interested in these options enroll in epidemiology or biostatistics as their spring electives during the second semester of the first year. The remaining requirements are completed during the summer, fall, and spring of the following year. MPH candidates have a choice of concentrations.

“The physician professional is defined not only by what he or she must know, but most importantly by a profound sense of what the physician must be.”

—Dr. Jordan Cohen, former president of medical staff, Tufts Medical Center, and president emeritus of the American Association of Medical Colleges (AAMC)

MBS CORE CURRICULUM

Course Title	Credits
Introduction to Microbiology:	
A Molecular Approach (MBS 201)	0.5
Cell Biology (MBS 202A)	0.5
Medical Histology (MBS 202B)	1.0
Biochemistry (MBS 203)	1.0
Immunology (MBS 204)	0.5
Introduction to Clinical Medicine (MBS 205)	0.5
Physiology (MBS 206)	1.5
Basic Human Pathology (MBS 207)	1.0
Intro to Human & Clinical Anatomy (MBS 208)	1.5
Nutrition (MBS 209)	0.5
Medical Genetics (MBS 212)	0.5
Pharmacology (MBS 213)	0.5
Elective(s)	1.0 (2 times 0.5)
MCAT Tutorials	no credit
Thesis (Literature- or Laboratory-based) (MBS 210)	0.5

ADMISSIONS CRITERIA

Students are admitted to the MBS Program on a rolling basis beginning in mid-January of the same year of enrollment. Admissions are based on five principal criteria: student's entire academic record, successful completion of all pre-medical courses, MCAT or DAT scores (preferred; GREs acceptable), letters of recommendation, and personal statements. Interviews are not provided.

For more specific admissions requirements and information on how to apply, please visit:

<http://go.tufts.edu/mbs>.

GRADUATION REQUIREMENTS

Earning an MS in Biomedical Sciences degree requires students to complete their course work and a literature- or laboratory-based thesis. In addition, students may extend their training for a second year, leading either to a Master of Public Health (MPH) degree or a Master of Business Administration (MBA) degree.

