



A flipped classroom model offers a dynamic and engaging learning environment



Learn from expert healthcare professionals



Earn your MSMS in as few as 11 months full time or 20 months part time*

Master of Science in Medical Sciences (MSMS)

Launch your medical sciences career

Whether you're strengthening your medical school application or advancing in medical research and other fields, this program provides the solid foundation you need to succeed and make an impact. As the U.S. faces a growing shortage of medical providers, the demand for culturally competent healthcare professionals is more critical than ever. In partnership with Ponce Health Sciences University (PHSU), University of Bridgeport's MS in Medical Science (MSMS) program equips you with the expertise and practical skills to thrive in today's medical landscape.

Advance your healthcare career

The Master of Science in Medical Sciences (MSMS) at UB prepares students for a wide range of careers in the medical and health sciences. Designed for those looking to enhance their academic credentials, this program offers a comprehensive curriculum that strengthens your knowledge of biomedical sciences, clinical practices, and medical research.

The 42-credit program can be completed full time in as few as three semesters or part time over five semesters, allowing you to choose a pace that aligns with your schedule.

Flexible learning with real-time performance insights

In this program, you'll be active in your own learning through flexible online course formats. Full-time students participate in synchronous online classes, learning in real time alongside peers and faculty. Part-time students complete coursework primarily asynchronously, with 1-2 hours of required live class time each week.

With monthly predictive analytics reports, you'll get a clear picture of how well you're understanding the course material and how you're performing in the systems and disciplines tested on the USMLE Step 1 Exam. By tracking thousands of data points — like your responses on quizzes, homework, exams, and engagement with study materials — you'll see exactly where you're excelling and which topics could use a little more attention.

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Which track is the best fit for you?

	Accelerated	Self-Paced
Duration	11 months, 3 consecutive terms (includes summer)	20 months, 5 consecutive terms (includes summer)
Format	Online, synchronous	Online, asynchronous with 1-2 hours of required synchronous class time per week with two date/time options to choose from
Delivery	Learning live alongside peers and interacting with faculty in real time	On-demand video lectures with a synchronous component
Designed for	Students looking for a full-time, fast-paced program	Students looking for flexibility and part-time study (working individuals, caregivers, etc.)
Schedule	Monday - Friday, 5-6 hours/day	Flexible schedule
Start terms	Spring, Summer, and Fall	Spring, Summer, and Fall
Degree	Same degree for both formats	Same degree for both formats

University of Bridgeport is accredited by the New England Commission of Higher Education. The University also is accredited by the Connecticut Office of Higher Education.

*Time to completion may vary by student

Possible career and education outcomes

- Advanced terminal degrees such as DO, MD, DC, and more
- Biomedical research
- Dental
- Healthcare administration
- Medical technology
- Optometry
- Pharmacy
- Physician assistant programs
- Public health
- Veterinary
- And more!

Admission requirements

General admission requirements:

- Bachelor's degree earned from an accredited institution
- 2.7 cumulative GPA
- 24 semester hours (36 quarter units) in physical and life sciences with a grade of C or better
- The following prerequisites will fulfill the 24-semester hour requirement. Accredited online courses are accepted, but students should review the requirements for any future degrees they are seeking.
 - 8 semester hours (12 quarter units) of biology
 - 8 semester hours (12 quarter units) of chemistry
 - 8 semester hours (12 quarter units) of organic chemistry

Program requirements:

- Transcripts showing bachelor's degree earned, as well as transcripts showing any prerequisite coursework
- A personal statement and letters of recommendation may be requested as supplemental items

