



Explore emerging, interdisciplinary fields



Enjoy the freedom and flexibility to design your own concentration



Conduct hands-on research in UB's specialized laboratories

## Master of Science in **Mechanical Engineering**

Prepare for an exciting and innovative career in engineering

***Technology plays an integral part in our society, as do the engineers who drive life-changing advancements and innovations. Now, more than ever, we need skillful professionals in this important ever-growing field. UB's Mechanical Engineering master's degree program is designed to prepare you with the experience and skills necessary to grow and advance in this thriving industry. Better still, you'll have the freedom and flexibility to tailor your studies to your goals and interests.***

### Combine a comprehensive curriculum with hands-on learning

As a student in UB's master's in Mechanical Engineering program, you'll benefit from a flexible curriculum taught by experts with decades of field experience. Moreover, you'll have the opportunity to apply your learning in our numerous state-of-the-art research labs. You'll conduct research and design projects in our cutting-edge facilities — preparing you to meet your professional goals.

### Double up your degree — become a sought-after professional

Earning two master's degrees shows future employers that you are a dedicated, driven, and highly-skilled

individual. With the flexibility provided by 22 credits of free electives, you can easily combine your master's in Mechanical Engineering with another program — all without spending any additional time in school. Graduates have combined their Mechanical Engineering degree with master's degrees in:

- Business Administration
- Computer Engineering
- Computer Science
- Electrical Engineering
- Technology Management
- And more!



## Master of Science in Mechanical Engineering

### Design a concentration geared toward your goals

Mechanical engineering is crucial across many disciplines and professional fields. That's why UB's Mechanical Engineering program is designed to give you the freedom and flexibility to explore all aspects of engineering. You'll work alongside your advisor to design an individualized plan of study tailored to your specific career goals. You can create your own specialty using classes from the eight technical areas offered by the program, including:

- Biomechanical Engineering
- Design Engineering
- General Mechanical Engineering
- Manufacturing Engineering and Management
- Mechanics and Materials
- Mechatronics and Automation
- Sports and Aeronautical Engineering
- Thermal Fluid Systems and Sustainable Energy

### Admission requirements

#### Program prerequisites

- Bachelor's degree in engineering or a related STEM field from an accredited university or recognized international institution
- Recommended cumulative undergraduate GPA of 2.90 or higher

#### Required materials

- Application
- Official transcripts for the last degree earned
- Personal statement
- Resumé
- Two letters of recommendation



Scan the QR code for program curriculum and additional information about our MS Mechanical Engineering degree

The 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.