

MS in ROBOTICS & AUTONOMOUS SYSTEMS

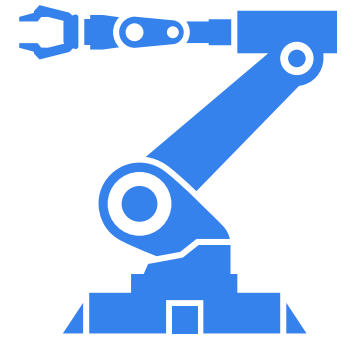
Graduate with a Master of Science in Robotics & Autonomous Systems, prepared for a successful career in the robotics industry or for further study in a doctoral program. In addition to instruction in the theoretical basis for modern robotics and autonomous systems, you will gain hands-on experience through coursework highlighting cutting-edge technologies and through internship placements with industry partners and pioneering researchers.

PREPARE FOR A CAREER WORKING WITH:

- Assistive Technologies
- Environmental and Sustainable Systems
- Feedback and Control Systems
- Machine Learning
- Medical Devices
- Self-Driving Vehicles
- Smart Cities
- Soft Robotics
- Surgical Systems

8 COURSES
(4 CREDITS EACH FOR 32 TOTAL)
+ FULL-TIME INTERNSHIP

Earn your degree in 2-3 semesters, including your internship.



COURSE OPTIONS INCLUDE:

- Robot Motion Planning
- Medical Robotics
- Vision, Robotics, and Planning
- Soft Robotics
- Haptics & Physically Interactive Robots
- Formal Methods in Robotics
- Cyberphysical Systems
- Learning from Data

The program includes one required introductory course, four robotics core courses (one each in the areas of control, design, perception, and machine learning), and three technical electives.

100+

Robotics Companies
in Massachusetts

\$132,000

The average tech salary
in Massachusetts

BOSTON IS HOME TO LEADING ROBOTICS COMPANIES – MANY OF WHICH HAVE ACCEPTED OUR STUDENTS FOR INTERNSHIPS

Amazon Robotics	Medtronic
Ava Robotics	Mitsubishi Electric Research Labs
Boston Scientific	OptimusRide
DEKA	Philips Robotics
Greensight	Prodrive
Agronomics	PTC
MassRobotics	Realtime Robotics
MathWorks	Vecna Robotics
Maxar Space Robotics	Yrobot



TOP ROBOTICS FACULTY AT BU



SEAN ANDERSSON

An expert in systems and control theory, researching methods for handling the complexity of robots in real-world environments.

CALIN BELTA

Director of BU's Center for Autonomous Robotics Systems. His research is focused on computational tools for hybrid and autonomous systems.

TOMMASO RANZANI

Focuses much of his research on soft robotics. He has designed and manufactured innovative robotic systems and tools to perform minimally invasive surgery (MIS).

SHEILA RUSSO

Interested in developing robotic technologies to improve human health, tackling current limitations in medicine as well as enabling novel therapies that are not yet possible.

FOR MORE ABOUT OUR ROBOTICS PROGRAM

Attend a webinar. For details and to register, visit bu.edu/eng/robotics/webinars
Visit our main webpage at bu.edu/eng/robotics/degree
Contact us at enggrad@bu.edu



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