

# BIOMEDICAL ENGINEERING, BS/ENGINEERING MANAGEMENT, MS

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## Department Chair

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## Faculty

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## Program Description

This combined degree is for students who want to complete consecutively the Bachelor of Science in Biomedical Engineering (<https://coursecatalog.syracuse.edu/undergraduate/engineering-computer-science/biomedical-engineering-bs/>) (BSBEN) and the Master of Science in Engineering Management (<https://coursecatalog.syracuse.edu/graduate/engineering-computer-science/engineering-management-ms/>) (MSEM) degree. The combined degree is designed to be completed in 5 years. Two courses at the 500-level or higher with a grade of B or better may be counted towards both the Bachelor's and the Master's degrees. The student is expected to be certified for the Bachelor's degree at the end of the fourth year and for the Master's degree at the end of the fifth year.

## Accreditation

The BSBEN program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>.

## Admission

Students need to initiate the application process to the combined degree program during the first semester of their junior year of the BSBEN program at Syracuse University. Admission decisions will be based on the academic performance of applicants. Students need to use the established process for regular MS applications.

## Program Requirements

Students must meet all the requirements of the Bachelor of Science in Biomedical Engineering (<https://coursecatalog.syracuse.edu/undergraduate/engineering-computer-science/biomedical-engineering-bs/>) (BSBEN) program (131 credits) and all the requirements of the Master of Science in Engineering Management (<https://coursecatalog.syracuse.edu/graduate/engineering-computer-science/engineering-management-ms/>) (MSEM) program (30 credits). Two

courses at the 500-level or higher may be counted towards both the Bachelor's and the Master's degrees.

### Undergraduate University Requirements

The following requirements and experiences apply to all Syracuse University Undergraduate matriculated degree programs.

- IDEA Course Requirement (<https://coursecatalog.syracuse.edu/undergraduate/idea-course-requirement/>)
- First Year Seminar (<https://coursecatalog.syracuse.edu/undergraduate/courses/fys/>)