

# ENGINEERING, B.S. TO ENGINEERING, M.S. ACCELERATED PROGRAM

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Saint Louis University's Bachelor of Science to Master of Science in engineering is an accelerated program that allows high-achieving SLU students to complete both B.S. and M.S. degrees in a total of five years.

The B.S. is in the student's undergraduate major (aerospace, biomedical, civil, computer, electrical or mechanical engineering), and the M.S. is in engineering in the student's chosen discipline.

The master's degree provides additional technical depth and specialization that can lead to expanded career opportunities and responsibilities and preparation for doctoral (Ph.D.) studies.

For additional information, see the catalog entries for the following SLU programs:

Aerospace Engineering, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/aerospace-mechanical/aerospace-engineering-bs/>)

Biomedical Engineering, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/biomedical/biomedical-engineering-bs/>)

Civil Engineering, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/civil-computer-electrical/civil-engineering-bs/>)

Computer Engineering, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/civil-computer-electrical/computer-engineering-bs/>)

Electrical Engineering, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/civil-computer-electrical/electrical-engineering-bs/>)

Mechanical Engineering, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/aerospace-mechanical/mechanical-engineering-bs/>)

Engineering, M.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/engineering-ms/>)

## Accreditation

The Aerospace Engineering, B.S. is accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>), under the commission's General Criteria and Program Criteria for Aerospace and Similarly Named Engineering Programs.

The Biomedical Engineering, B.S. is accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>), under the commission's General Criteria and Program Criteria for Bioengineering and Biomedical and Similarly Named Engineering Programs.

The Civil Engineering, B.S. is accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>), under the commission's General Criteria and Program Criteria for Civil and Similarly Named Engineering Programs.

The Computer Engineering, B.S. is accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>), under the commission's General Criteria and Program

Criteria for Electrical, Computer, Communications, Telecommunication(s), and Similarly Named Engineering Programs.

The Electrical Engineering, B.S. is accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>), under the commission's General Criteria and Program Criteria for Electrical, Computer, Communications, Telecommunication(s), and Similarly Named Engineering Programs.

The Mechanical Engineering, B.S. is accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>), under the commission's General Criteria and Program Criteria for Mechanical and Similarly Named Engineering Programs.

## Requirements

Undergraduate students may apply to the program in the spring of their junior year. Students must apply for admission to the accelerated B.S.-M.S. program through their home program. Programs will review applications and make recommendations to the School of Science and Engineering associate dean of graduate education who will make the final admission decisions.

The bachelor's-master's option requires completion of the standard requirements for an M.S. in addition to completion of the standard requirements of a B.S. The M.S. requires 30 credits of course work, six of which will be in thesis credit for the thesis option. Students may use up to 15 credits of coursework at the graduate level (5000 and above) to count for both the B.S. and the M.S. For the course-only option, 30 credits of course work is required. Specific programs of study for each student are developed under the guidance of a faculty mentor.