

# ENGINEERING, MSE

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The Master of Science in Engineering is ideal for those with a bachelor's degree in any engineering discipline wishing to expand their knowledge. The program allows students to take a multidisciplinary approach to the engineering graduate program, an attractive option for those with interests beyond their chosen engineering major. The program prepares students for careers in industry, government, or academia with unique applications in healthcare and medicine.

## Admission Requirements

Applicants for the master's of science program must hold a bachelor's degree in an engineering discipline.

Applicants must submit official transcripts and three letters of recommendation. A minimum undergraduate cumulative grade point average of 3.0 (on a scale of 4.0) is required.

Official results of the analytical writing and quantitative portions of the GRE must be submitted. The GRE minimum requirements for admission can be met by one of the four score combinations below:

- Analytical Writing = 3 / Minimum Quantitative Score = 159
- Analytical Writing = 3.5 / Minimum Quantitative Score = 153
- Analytical Writing = 4 / Minimum Quantitative Score = 149
- Analytical Writing = 4.5 / Minimum Quantitative Score = 146

The GRE is waived for graduates of The University of Akron and graduates from an ABET accredited program.

Applicants whose native language is not English must have a TOEFL score of at least 79 on the internet-based TOEFL.

## Thesis Option

| Code | Title                                | Hours |
|------|--------------------------------------|-------|
|      | Engineering Courses                  | 12    |
|      | Approved Mathematics/Science Courses | 3     |
|      | Approved Electives                   | 9     |
|      | Master's Thesis                      | 6     |
|      | Total Hours                          | 30    |

The thesis must be successfully defended (no "fail" votes) before the Advisory Committee.

## Nonthesis Option

| Code | Title                                | Hours |
|------|--------------------------------------|-------|
|      | Engineering Courses                  | 18    |
|      | Approved Mathematics/Science Courses | 3     |
|      | Approved Electives                   | 9     |
|      | Engineering Report                   | 2     |
|      | Total Hours                          | 32    |