

# MASTER OF SCIENCE IN ENGINEERING (M.S.)

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## Purpose

The purpose of the Master of Science in Engineering (M.S.) is to *Train Champions for Christ* in Engineering, Scholarship and Research.

## Program Learning Outcomes

The student will be able to:

- Integrate qualitative and quantitative tools to perform effective engineering analysis and research.
- Evaluate and present scholarship relevant to engineering contexts that reflects a knowledge of the literature of the discipline.
- Incorporate Christian worldview perspectives when solving engineering challenges.

## Program Specific Admission Procedures

In addition to the general admission requirements, specific admission procedures to the M.S. in Engineering are as follows:

1. Earned baccalaureate degree in Engineering or another STEM field from an institution accredited by the University.
2. Applicants should hold a cumulative GPA of 3.00 on a scale of 4.00 for undergraduate study.
3. TOEFL (if applicable)

## Transfer Credit

Students may transfer up to 24 credit hours for thesis option or 18 credit hours for non-thesis option from an accredited institution subject to department approval. In order to transfer credit, students must have earned the minimum grade of B-; and courses must have been completed within 10 years of the start date of the program. Credits from a prior degree on the same academic level earned through Liberty University are considered transfer credits.

Courses that will not transfer into this degree: ENGR 687 Thesis Research in Engineering (3 c.h.), ENGR 688 Thesis Research in Engineering (6 c.h.), ENGR 689 Thesis Research in Engineering (9 c.h.), and ENGR 690 Thesis Defense in Engineering (0 c.h.).

## Administrative Dismissal

Students will be subject to Administrative Probation for the first grade of C+ or lower. For the second grade of C+ or lower, students will be subject to Administrative Dismissal from the program. The decision to dismiss will be made by the Dean or Associate Dean of the School of Engineering. No grades lower than B- may be applied to the degree.

## Programs of Study

### Delivery Format: Residential Only

- Engineering (M.S.) - Non-Thesis
- Engineering (M.S.) - Thesis

## Career Opportunities

- Engineer of Applied Physics
- Materials Engineer
- Metallurgical/Material Science Engineer
- Process/Product/Project Engineer
- Systems/Design Engineer
- High-Performance Computing (HPC) Engineer
- Engineering Manager