

ENGINEERING (M.S.) - THESIS

Important: This degree plan is effective for those starting this degree program in fall 2025 through summer 2026. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

Code	Title	Hours
Core Courses ¹		
ENGR 596	Graduate Orientation/Seminar Series	3
Engineering Elective ²		3
Engineering Elective ²		3
Engineering Elective ²		3
Engineering Elective ²		3
Engineering Elective ²		3
Engineering Elective ²		3
Engineering Elective ²		3
Total Hours		24

¹ A M.S. committee comprising three faculty members who have earned their Ph.D.s will oversee the M.S. student's research and educational program. One committee member will be the advisor. The committee is responsible for oversight of the following: (1) the educational program of study, and (2) the thesis defense. In order to complete the requirements for this degree, the student must plan a program with the M.S. committee.

² Choose Core courses, based on plan of study approved by M.S. Committee: Core courses exclude Thesis courses: ENGR 687, ENGR 688, ENGR 689, ENGR 690. Ph.D. and M.S. students may take ENGR 500, ENGR 520, and ENGR 590 as Core courses. All other ENGR 500-600 level courses are restricted to the M.S. program with the exception of course transfer into the Ph.D. program.

Code	Title	Hours
Thesis Courses		
Engineering Elective ¹		12
ENGR 690	Thesis Defense in Engineering	0
Total Hours		12

¹ Choose a minimum of 12 hours from the following: ENGR 687, ENGR 688, and ENGR 689.

All applicable prerequisites must be met

Graduation Requirements

- Complete 36 hours
- A maximum of 50% of the program hours may be transferred if approved and allowable, including credit from an earned degree from Liberty University on the same academic level
- 3.0 GPA
- No grades lower than B- may be applied to the degree
- Degree must be completed within 5 years
- Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

Program Offered in Residential Format Course Sequence

Course	Title	Hours
First Year		
First Semester		
ENGR 596	Graduate Orientation/Seminar Series	3
Engineering Elective ¹		3
Engineering Elective ²		3
Hours		9
Second Semester		
Engineering Elective ¹		3
Engineering Elective ¹		3
Engineering Elective ²		3
Hours		9
Third Semester		
Engineering Elective ²		3
Hours		3
Second Year		
First Semester		
Engineering Elective ¹		3
Engineering Elective ¹		3
Engineering Elective ²		3
Hours		9
Second Semester		
Engineering Elective ¹		3
Engineering Elective ¹		3
ENGR 690	Thesis Defense in Engineering	0
Hours		6
Total Hours		36

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¹ Choose from the following courses, based on plan of study approved by M.S. Committee: ENGR 501, ENGR 503, ENGR 504, ENGR 505, ENGR 512, ENGR 517, ENGR 521, ENGR 525, ENGR 527, ENGR 541, ENGR 543, ENGR 545, ENGR 595, ENGR 596, ENGR 597, ENGR 606, ENGR 615, ENGR 616, ENGR 631, ENGR 635, ENGR 637, ENGR 639, ENGR 651, or any other 500-600 level non-Thesis related ENGR course

² Choose a minimum of 12 hours from the following: ENGR 687, ENGR 688, and ENGR 689