

ENGINEERING (M.S.) - NON-THESIS

Important: This degree plan is effective for those starting this degree program in fall 2024 through summer 2025. 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 |
| Engineering Elective ² | | 3 |
| Engineering Elective ² | | 3 |
| Total Hours | | 30 |

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 project/report presentation. 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.

All applicable prerequisites must be met

Graduation Requirements

- Complete 30 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 |
| Hours | | 6 |
| Second Semester | | |
| Engineering Elective ¹ | | 3 |
| Engineering Elective ¹ | | 3 |
| Hours | | 6 |
| Third Semester | | |
| Engineering Elective ¹ | | 3 |
| Engineering Elective ¹ | | 3 |
| Hours | | 6 |
| Second Year | | |
| First Semester | | |
| Engineering Elective ¹ | | 3 |
| Engineering Elective ¹ | | 3 |
| Hours | | 6 |
| Second Semester | | |
| Engineering Elective ¹ | | 3 |
| Engineering Elective ¹ | | 3 |
| Hours | | 6 |
| Total Hours | | 30 |

Important: 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 program with the M.S. committee the following: (1) the educational program of study, and (2) the project/report presentation. In order to complete the requirements for this degree, the student must plan a program with the M.S. committee

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