

MECHANICAL ENGINEERING, M.S.M.E.

The Master of Science in Mechanical Engineering (M.S.M.E.) is designed for students who are interested in engineering careers that require education beyond the baccalaureate degree. Examples of those include engineers performing industrial research and development or students who plan to pursue a doctoral degree.

Admission and Financial Aid

Admission is based on undergraduate academic record, the Graduate Record Examination (GRE), and letters of recommendation for the candidate. Tuition waivers and stipends are available on a competitive basis.

Course Requirements for Master of Science

Thesis Option Requirements

A discovery-oriented thesis is required in accordance with the criteria listed in the graduate catalog general requirements.

Code	Title	Hours
Course Work		24
ME 5V99	Master's Thesis	6
Total Hours		30

Non-Thesis Option Requirements

A 3 credit MS-level project to be completed under the supervision of a ME graduate faculty member that results in a project report submitted to the Department of Mechanical Engineering.

Code	Title	Hours
Course Work		27
EGR 5V98	Master's Project ¹	3
Total Hours		30

¹ Candidates in the Ph.D. program who have passed the preliminary examination and who have not received an M.S. degree in engineering from Baylor or another institution may satisfy the EGR 5V98 Master's Project requirement using three (3) hours of ME 6V97. Graduate Program Director approval and Research Advisor approval are required.

Course work will be selected in consultation with the student's advisor. Courses in the departments of Electrical and Computer Engineering, Mathematics, Statistics, Physics, Chemistry, Biology, or Environmental Science may be included in this total with consent of the advisor.