

Materials Science and Engineering for Mechanical Engineering Majors Minor

Total Hours Required: 15

Requirements

Requirements are listed in the table below. Additional requirements may follow the table, so be sure to read the entire page. Some required courses listed below may also satisfy General Education requirements, including Core Curriculum. Students should also review the University's Undergraduate Minor and Certificate Requirements and Policies.

Code	Title	Hours
MSE 360M	Experiments in Materials Science and Engineering	3
M E 316T	Thermodynamics	3
Hours chosen from:		3
PHY 355	Modern Physics and Thermodynamics	
PHY 375S	Introductory Solid-State Physics	
PHY 369	Thermodynamics and Statistical Mechanics	
CH 353	Physical Chemistry I	
M E 378K	Mechanical Behavior of Materials	3
M E 349	Corrosion Engineering	3
or ASE 357	Mechanics of Composite Materials	
Total Hours		15

Additional Requirements and Policy

- All students who are pursuing a minor in Materials Science and Engineering will be required to take a three-credit hour, laboratory-based bridge course (MSE 360M). The remainder of the required courses will be specific to the major degree.
- If students are interested in additional coursework, they can see <http://tmi.utexas.edu/academics/undergraduate-minor-materials-science-engineering/> for a complete list of courses that would serve as optional electives. Courses beyond 15 hours are not required for the completion of the minor.
- All classes must be taken on the letter-grade basis. The student must earn a combined grade point average of at least 2.00 in these courses.