Minor in Materials Science and Engineering

The Materials Science and Engineering minor degree program is designed to enhance students' fundamental knowledge of the materials paradigm to improve their marketability to employers or graduate schools.

Degree Requirements

The Minor in Materials Science and Engineering requires from 19-21 credit hours from a list of approved courses. These courses have pre-requisites, and their enrollment will require approval from the MMBME Department. The program will accept the equivalent of the MME 2303 Intro to Materials Sci & Engrgcourse taught within other departments in the College of Engineering. Students must earn a grade of "C" or better in all courses counted towards the minor. A bachelor's degree must be completed for the degree to be awarded.

Degree Plan

Code	Title	Hours
MME 2303	Intro to Materials Sci & Engrg	3
MME 3406	Nanofuctnl Physical Metallurgy	4
MME 3407	Mechanical Behavior of Matls	3-4
or MME 4316	Failure Analysis	
MME 3413	Materials Characterization	3-4
or MME 4315	Metallogrphy and Micro Inter	
Two (2) electives selected from the following courses:		6-7
MME 3306	Rate Processes	
MME 3308	Appl Chemical Thermodynamics	
MME 3309	Circuits, Elect Mat & Devices	
MME 3413	Materials Characterization	
MME 4303	Metals Processing	
MME 4309	Corrosion	
MME 4316	Failure Analysis	
MME 4404	Mat. Synthesis & Manufacturing	
and any MME course listed as a concentration course		
Total Hours		**19-22**