POLYMER SCIENCE AND ENGINEERING, MINOR

Program Overview

In addition to the Bachelor of Science in Engineering degree program with a major in Polymer Science and Engineering, the department also offers a minor in polymer science and engineering. This sequence is intended primarily for a student majoring in science or engineering, but it is open to any student with a sound background in introductory calculus, chemistry, and physics.

Undergraduate Policies

For undergraduate policies and procedures, please review the Undergraduate Academics section of the General Bulletin.

Program Requirements

The minor in polymer science and engineering consists of five courses from the list below (special arrangements can be made to include appropriate EMAC graduate courses as well).

Code	Title	Credit Hours
Required Courses:		**6**
EMAC 270	Introduction to Polymer Science and Engineering	
EMAC 276	Polymer Properties and Design	
Choose three of the following:		*9*
EMAC 351	Physical Chemistry for Engineering	
EMAC 355	Polymer Analysis Laboratory	
EMAC 370	Polymer Chemistry	
EMAC 372	Polymer Processing and Testing Laboratory	
EMAC 375	Fundamentals of Non-Newtonian Fluid Mechanics and Polymer Rheology	
EMAC 376	Polymer Engineering	
EMAC 377	Polymer Processing	
EMAC 378	Polymer Engineer Design Product	
Total Credit Hours		**15**