

Certificate in Polymer Engineering

This graduate certificate prepares individuals to advance their level of knowledge and understanding in polymer materials and engineering that can be applied in their area of specialty. Polymer materials are ubiquitous in our daily lives and in advanced industrial applications critical to our society. The focus of this coursework is to equip students with the advanced education required to contribute to the existing industries which produce, process, or utilize polymer materials as well as those working in research and development where new discoveries in polymer materials will enable new discovery that will impact every sector's use of polymer materials, from space to sports, transportation to medicine.

The certificate will focus on the fundamentals of polymer chemistry and structure, polymer processing, and polymer characterization.

Students will take the following (3) required courses for a total of eleven (11) hours.

Code	Title	Hours
Graduate Certificate in Polymer Materials Engineering - 11 hours:		
Students will complete the following three core courses:		
PFEN 6200	Polymer Processing	4
PFEN 6510	Polymer Chemistry	3
PFEN 7700	ADVANCED METHODS IN POLYMER CHARACTERIZATION	4
Total Hours		11