

Nano Materials Science and Engineering, Academic Certificate

This academic certificate requires a minimum of 9 semester credit hours.

The graduate Nano Materials Science and Engineering Academic Certificate is a 9-hour program open to all majors and professionals. This certificate will provide students the necessary skills to apply Nano and Materials Science effectively in a variety of areas. In order to qualify for the certificate, students need to take three courses, two required and one chosen from among electives.

Code	Title	Semester Credit Hours
Required Coursework		
CHEM 5313	Chemistry and Nanoscience	3
MEEN 5331	Advance Materials Science	3
Elective Courses		3
CEEN 5316	Fiber Composite Mechanics	
CHEM 5308	Chem/Biochem Analysis	
EEEN 5303	Advanced Topics in Elec Eng	
or EEEN 5333	Prin of VLSI Circuit Design	
Total Semester Credit Hours		9

In addition, students may take any research (Thesis or Project) course (numbered 5305 or 5306) offered by the Chemistry Program or within the College of Engineering, or any research course (CHEM 5365) focused on research aspects of material science. Prerequisites for various courses must be met. Contact the specific department course instruction for information and advising concerning prerequisites.