Material Science Minor

Students completing this 15-hour minor will have an understanding science underlying the structure-property relationships in solid state materials. The minor provides student with understanding of the solid state chemistry and physics that are applied to control materials properties and design fabrication processes. The minor can provide complementary scientific understanding to engineering students or demonstrate application of science to materials properties to students from the sciences.

Code	Title	Hours
Required Courses		
MATL 2100	Intro To Materials Science	3
MATL 4100	Thermodynamics and Kinetics	3
MATL 5200	Materials Characterization	2
MATL 5201	Materials Characterization Lab	1
MATL 5500	Num Sim Of Matls Processing	3
Elective Courses (3 credit hours from the following)		
MATL 5400	Physics Of Solids	3
PHYS 5610	Intro To Solid State Physics	3