

SOLID STATE PHYSICS/ MATERIAL SCIENCE

Requirements

Required Courses

Code	Title	Hours
PH 405	Semiconductor Materials & Applications	4
NE 406	Semiconductor Devices & Fabrication	4
ME 328/CHE 315	Materials Engineering	4
Select two of the following:		8
NE 330	Material Failure	
NE 408	Microsensors and Actuators	
OE 360	Optical Materials	
PH 407	Solid State Physics	
PH 440	X-rays & Crystalline Materials	
PH/ME 490	Directed Research	
ME 302	Heat Transfer	
ME 417	Advanced Materials Engineering	
Total Hours		20

Eligibility: Students in any degree program, except students who are working for the Semiconductor Materials and Devices Certificate