

COMPUTATIONAL ENGINEERING AND APPLIED PHYSICS MINOR

Requirements

The Minor in Computational Engineering and Applied Physics will require completion of a total of six courses as outlined below:

Code	Title	Hours
Three Core Courses		
CSC 133	Python Programming for All	3
or CSC 115	Intro to Computer Science	
or CSC 120	Computer Science I	
PHY 257	Math Methods in Physics	3
CSC 357	Internet of Things	3
Three Elective Courses		9
CSC 202	Computer Architecture	
CSC 351	Database Management Systems	
CSC 362	Artificial Intelligence	
CSC 490	Internship	
MAT 311	Numerical Analysis	
MAT 313	Mathematical Optimization	
MAT 316	Operations Research	
PHY 409	Statistical Mechanics	
PHY 415	Computational Physics	
PHY 419	Biophysics	
PHY 492	Internship in Physics	
Total Hours		18