PHYSICS

Department of Chemistry and Physics (https://cas.umw.edu/physics/)

The minor in physics will meet the interest of students who wish to further their knowledge in a discipline beyond their major field of study. It will increase their options for employment and graduate study. It will bridge the overlap between physics knowledge and that of other disciplines.

Minor Requirements

Code	Title	Credits
PHYS 105	University Physics, w/Lab	4
PHYS 106	University Physics w/Lab	4
PHYS 211	Modern Physics	3
PHYS 290	Methods of Mathematical Physics	3
Select two of the following:		6 - 8
PHYS 220	Materials, Fluids, & Thermodynamics	
PHYS 283	Electronics w/Lab	
PHYS 300	Optics w/Lab	
PHYS 310	Nuclear & Particle Physics	
PHYS 319	Astrophysics	
PHYS 384	Advanced Physics Laboratory	
PHYS 471	Selected Topics in Physics	
Select one of the following:		4
PHYS 320	Classical Mechanics w/Lab	
PHYS 360	Statistical Mechanics w/Lab	
PHYS 400	Electromagnetism w/Lab	
PHYS 410	Quantum Mechanics w/Lab	
Total Credits		**24-26**

Physics Faculty

K. Nicole Crowder, Chair
Matthew C. Fleenor, Margaret Duke ('44) Chair in Applied Physics

Professors

Matthew C. Fleenor

Associate Professors

Varun Suresh Makhija

Assistant Professors

Desmond R. Villabla