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 317	Methods of Mathematical Physics	3
Select one of the following:		3-4
PHYS 201	Thermodynamics and Statistical Mechanics	
PHYS 210	Nuclear Physics	
PHYS 283	Electronics w/Lab	
PHYS 292	Optics w/Lab	
Select two of the following:		7-8
PHYS 320	Classical Mechanics I w/Lab	
PHYS 330	Electricity and Magnetism I w/Lab	
PHYS 384	Advanced Physics Laboratory	
PHYS 410	Quantum Mechanics I w/Lab	
PHYS 472	Solid State Physics	
Total Credits		**24-26**

Chemistry and Physics Department

Janet A. Asper, Chair
Janet A. Asper, Career Advisor
Matthew C. Fleenor, Program Coordinator (Physics)

Faculty

(The person's subject field is indicated in parentheses.)

Professors

Janet A. Asper (Chemistry)
K. Nicole Crowder (Chemistry)
Matthew C. Fleenor (Physics)
Kelli M. Slunt (Chemistry)

Associate Professors

Leanna C. Giancarlo (Chemistry)
E. Davis Oldham (Chemistry)
Randall D. Reif (Chemistry)

Assistant Professor

Desmond R. Villabla (Physics)
Sarah E. Smith (Chemistry)
Varun Suresh Makhija (Physics)