

# PHYSICS MINOR

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Offered by Department of Physics and Astronomy (<http://catalog.unk.edu/undergraduate/departments-programs/physics-astronomy/>)

Code	Title	Credit Hours
MATH 115	Calculus I with Analytic Geometry <sup>1</sup>	5
PHYS 275	General Physics I (Calculus)	4
PHYS 275L	General Physics I (Calculus) Laboratory	1
PHYS 276	General Physics II (Calculus) <sup>2</sup>	4
PHYS 276L	General Physics II (Calculus) Laboratory <sup>2</sup>	1
PHYS 346	Modern Physics I <sup>2</sup>	4
Select 5 credit hours of the following: <sup>2</sup>		5
PHYS 350	Astrophysics I	
PHYS 351	Astrophysics II	
PHYS 360	Computational Methods in Physics and Astronomy	
PHYS 361	Astronomy Methods II	
PHYS 402	Analytic Mechanics	
PHYS 407	Electricity & Magnetism	
PHYS 410	Mathematical Techniques in Physics I	
PHYS 419	Quantum Mechanics	
PHYS 420	Advanced Physics Laboratory	
PHYS 430	Optics	
PHYS 440	Thermodynamics and Statistical Mechanics	
PHYS 495	Research in Physics	
Total Credit Hours		24

1

Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:

- MATH 102
- MATH 103

2

Students whose major programs do not require the requisite mathematics classes in the program will also need to take the following courses, increasing the total credit hours needed:

- MATH 205
- MATH305