Nebraska Wesleyan University

Physics (B.S.)

Catalog

2026-2027

Program Description

The Bachelor of Science degree is designed for those students pursuing employment or further education in physics or engineering

Departments

1. Physics

Physics Major (B.S., 33 hours. A 25 hour supporting program is also required.

Courses	26 hours
PHYS 1600 Principles of Physics I or PHYS 2000 General Physics I	4 hours
PHYS 1700 Principles of Physics II or PHYS 2100 General Physics II	4 hours
PHYS 2200 Electronic for Scientists & Engineers	4 hours
PHYS 2400 Introduction to Modern Physics	4 hours
PHYS 3000 Mechanics or PHYS 3100 Electromagnetism and Optics	4 hours
PHYS 3800 Advanced Laboratory	2 hours
PHYS 4000 Quantum Mechanics or PHYS 4100 Thermal and Statistical Physics	4 hours
Physics Electives	**5 hours**
Physics electives must be taken from PHYS 1600 Principles of Physics I or above.	
Capstone	**2 hours**
PHYS 4950 Independent Study	2 hours
Required Supporting Program	**25 hours**
An approved supporting program of 25 hours from the Natural and Health Sciences Division is required, possibly including one or more minors or a second major.	