Nebraska Wesleyan University

Physics (B.S.)

Catalog

2025-2026

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)

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.	