**Nebraska Wesleyan University**

# Physics (B.S.)

## Catalog

2017-2018

## Program Description

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

## Departments

1. Physics, Astronomy, and Computer Science

### 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 Measurements | 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 and Atomic Physics 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. | |