

**Nebraska Wesleyan University**  
Catalog 2014-2015

Major:

## Physics (B.S.)

Departments/Programs:

Physics, Astronomy, and Computer Science

### Physics Major (B.S., 33 hours)

Courses	
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
<b>Physics electives</b>	<b>5 hours</b>

Physics electives must be taken from PHYS 1600 Principles of Physics I or above.

Senior Comprehensive:	
PHYS 4950 Independent Study	2 hours

An approved supporting program of 25 hours from the Natural Sciences Division is required, possibly including one or more minors or a second major.