

Nebraska Wesleyan University
Catalog 2016-2017

Major:

Physics (B.S.)

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

Departments/Programs:

Physics, Astronomy, and Computer Science

Physics Major (B.S., 33 hours)

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| 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.

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| Senior Comprehensive | 2 hours |
| PHYS 4950 Independent Study | 2 hours |
| Required Supporting Program | 25 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.