

PHYSICS

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The Department of Physics provides the instruction necessary for the understanding of physics and earth science for students in this department and for other departments of the University. The Department also provides the research basis for students wishing to contribute to knowledge in the areas mentioned.

The Department offers the B.S. degree in Physics. Its graduates may enter occupations in industry, government, and education. Many graduates continue their education in graduate or professional schools. Students in other departments may elect to minor in either physics or astronomy.

The Minor in Astronomy is an ideal complementary minor primarily for students majoring in mathematics, engineering, or the sciences. All science students are invited to complete the astronomy minor. Students majoring in Biology, Chemistry, Computer Science, Mathematics, and Physics are the main target for this minor.

The Department also offers graduate study courses leading to the Master of Science degree in Materials Science. An undergraduate student may also elect to pursue a five-year dual degree: B.S. in Physics and M.S. in Materials Science.

The objectives of the Department are:

1. To develop in students an appreciation of the scientific method and its use in the solution of physical problems.
2. To develop the basic training in physics designed to meet the needs of students in pre-professional fields and professional fields.
3. To develop in students those qualities and abilities necessary for success in industry and advanced degree institutions.
4. To offer sufficient specialized training beyond the generally recognized basic courses to enable a graduate with a bachelor's degree to enter directly into a professional career.

Physics Programs

- Bachelor of Science in Physics (<https://catalog.nsu.edu/undergraduate/science-engineering-technology/physics/physics-bs/>)
- Bachelor of Science in Physics and Master of Science in Materials Science (Five-Year Dual Degree) (<https://catalog.nsu.edu/undergraduate/science-engineering-technology/physics/physics-bs-materials-science-ms-five-year-dual-degree/>)
- Minor in Astronomy (<https://catalog.nsu.edu/undergraduate/science-engineering-technology/physics/astronomy-minor/>)
- Minor in Physics (<https://catalog.nsu.edu/undergraduate/science-engineering-technology/physics/physics-minor/>)
- Teacher Certification in Physics (<https://catalog.nsu.edu/undergraduate/science-engineering-technology/physics/physics-teacher-certification/>)