PHYSICS

Chair: Gintaras K. Duda
Department Office: Hixson-Lied Science Building, Room G81

The physics degree program provides a strong foundation for careers in the rapidly developing high-tech industries, engineering, medicine and law. For students who complete a degree in physics, the rewards are a deep understanding of nature, unusual flexibility in the choice of a career, and exceptional strength and stability in the job market.

Specific Requirements for Admission to the Physics Major

- PHY 213 General Physics for the Physical Sciences \(^1\), PHY 205 General Physics Laboratory \(^3\), PHY 214 General Physics for the Physical Sciences II \(^2\) and PHY 206 General Physics Laboratory II \(^4\) or an “A” or “B” grade in both PHY 213 and PHY 205.

Majors in Physics

- B.S., Major in Physics (http://catalog.creighton.edu/undergraduate/arts-sciences/physics/physics-bs/)
- B.S., Major in Applied Physics and Pre-Engineering (http://catalog.creighton.edu/undergraduate/arts-sciences/physics/applied-physics-pre-engineering-bs/)
- B.S., Major in Biomedical Physics (http://catalog.creighton.edu/undergraduate/arts-sciences/physics/biomedical-physics-bs/)
- B.S. Phy., Major in Physics (http://catalog.creighton.edu/undergraduate/arts-sciences/physics/physics-bsphy/)

\(^1\) PHY 221 Advanced General Physics I: Modeling the Physical World or PHY 201 General Physics for the Life Sciences can be substituted for the PHY 213 requirement.

\(^2\) PHY 222 Advanced General Physics II: Modeling the Physical World or PHY 202 General Physics for the Life Sciences II can be substituted for the PHY 214 requirement.

\(^3\) PHY 223 Project Physics Laboratory I may be substituted for the PHY 205 General Physics Laboratory I requirement.

\(^4\) PHY 224 Project Physics Laboratory II may be substituted for the PHY 206 General Physics Laboratory II requirement.

Minors in Physics

- Biological Physics (http://catalog.creighton.edu/undergraduate/arts-sciences/physics/biological-physics-minor/)
- Physics (http://catalog.creighton.edu/undergraduate/arts-sciences/physics/physics-minor/)