Undergraduate Degree in Physics at Wayne State University

**World Class Education**

- Bachelor of Science:
  - General Physics
  - Applied Physics
  - Premedical Physics option
- Bachelor of Art
- Physics Minor
- “A Grade” Program (4+1 years):
  - Add one year and get a Master’s degree in Physics, Medical Physics, Materials Science or Biomedical Engineering
- “Senior Rule”: Take graduate courses as an undergraduate to further your education.

**Why should I study Physics?**

- Curiosity: I like to know how things really work!
- Analytical thinking: I want the best training to think analytically, a skill needed in Engineering, Medicine, Law, ...

**Preparation for other disciplines:**

- Medical School: I want to stand out to bolster my Medical School application with a Physics degree! Physics is on the MCAT.
- Medical Physics: Get the right preparation to become a Medical Physics major at Wayne State.

**World Class Faculty & Education**

- Personal attention:
  - A low faculty-student ratio ensures it’s easy to receive personal guidance.
- World-class research:
  - Wayne State Physics ranked in top 50 nationwide for research expenditure.
  - Research in Nanotechnology, Biological Physics, Astrophysics, Optics, Nuclear Physics, Elementary Particle Physics, Atomic Physics and Solid State Physics.
- Undergraduate research:
  - Faculty routinely involves (and pays) undergraduates in research.
  - Research Experience for Undergraduates Funded by the National Science Foundation

**What is Physics?**

Physics is the Science that describes the workings of the physical world. It is the most fundamental of the sciences and supports many other disciplines, such as medicine or engineering.

To learn Physics is to learn how to think analytically – to analyze situations, and to understand, predict, design and control physical phenomena.

“In the Physics department at Wayne State University we take pride in the education and research experience we offer to our students.”