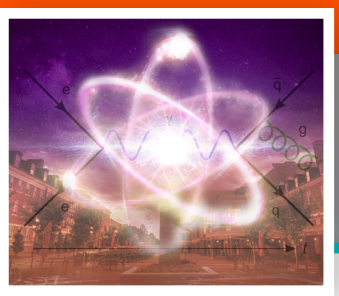
COLLEGE OF
ARTS AND SCIENCES

Physics



MAJORS

Physics, BS
Physics: Applied Physics, BS
Physics: Secondary Teacher Certification, BS

> *It's incredibly empowering to look at something and think, 'How does that work?' and then be able to break it down to its most basic components and glean knowledge from the journey.*
>
> - Joseph Haley, Physics

Physics is the study of matter, energy and the interaction between them. Physics is about asking fundamental questions and trying to answer them by observing and experimenting. Physics is crucial to understanding the world around us, the world inside us, and the world beyond us. It is the most basic and fundamental science.

Physics challenges our imaginations with concepts like relativity and string theory, and it leads to great discoveries, like computers and lasers, that lead to technologies which change lives - from healing joints, to curing cancer, to developing sustainable energy solutions.

PROGRAM HIGHLIGHTS

The Department of Physics offers flexible degree options:

Physics - designed especially for those who envision a research career as a **scientist** or **engineer**.

Applied Physics - designed for those who seek a **technical career** in **science** or **engineering** or students wishing to continue to **graduate school**.

Physics - Secondary Teacher Certification - students study the laws governing the natural world and develop the **critical skills of observation** and **quantitative analysis** while gaining a **teaching certificate**.

CONTACT CAS

Oklahoma State University
108 Life Sciences East, Stillwater, OK 74078
405-744-4968 (4YOU) | cas.okstate.edu

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Physics

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VIEW WEBSITE

physics.okstate.edu

145 Physical Sciences
Stillwater, OK 74078
405-744-2787

SCHOLARSHIPS

Many scholarships are available for prospective freshmen, transfer students, current students and continuing students. For more scholarship information, please visit

cas.okstate.edu/scholarships

COURSES TO EXPECT

High Energy Physics
Nanostructures and Condensed Matter
Optics, Photonics and Atomic Physics
Medical Physics
Radiation Physics and Dosimetry

RESEARCH AND OPPORTUNITIES

- Astronomy and Space Physics
- Biological Physics
- High Energy Physics
- Nanostructures and Condensed Matter
- Optics and Photonics
- Radiation Physics and Dosimetry

STUDENT INTERNSHIPS

Working with our Career Service advisors, you have numerous opportunities for internships in a non-profit organization, a government office, or a private/public for profit business. The placement may be paid or unpaid, and/or count for academic credit. These factors are determined by the employer and/or in collaboration with you.

GET INVOLVED

Stay active on campus while making lifelong friends.
Get involved with groups, such as:

- SACNAS OSU Chapter
- Society of Physics Students
- CAS Student Council
- CAS Ambassadors