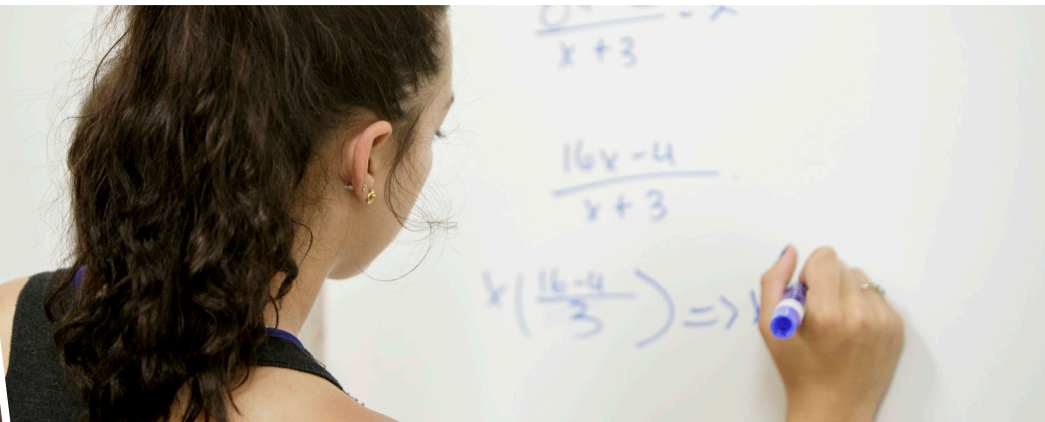




COLLEGE OF  
ARTS AND SCIENCES

# 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 INFORMATION

**Physics**  
145 Physical Sciences  
Stillwater, OK 74078  
405-744-2787  
[physics.okstate.edu](http://physics.okstate.edu)

to learn more, visit

[cas.okstate.edu](http://cas.okstate.edu)



# Physics



## CAREER & INDUSTRY

- Transport
- Environmental
- Buildings and Structures
- Energy
- Space
- Law and Finance
- Engineering
- Research

## SALARY

up to

**\$61,000\***

Students majoring in Physics make on average between \$52,000 and \$61,000 annually.

*\*Figured based on figures from NACE*

## 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

Oklahoma State University  
Office of Undergraduate Admissions

admissions.okstate.edu | 405-744-5358

## 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.

## 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](http://cas.okstate.edu/scholarships)



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