

PHYSICS

www.natsci.colostate.edu/career-resources/physics/

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 encompasses the study of the universe from the largest galaxies to the smallest subatomic particles. Moreover, it's the basis of many other sciences including chemistry, oceanography, seismology, and astronomy. It can also be applied to biology or medical sciences. Many students go on to pursue careers in engineering, computer sciences, teaching, and graduate studies in physics.

Factors of success:

Engagement with
the CSU Career
Center

Internship or
research
involvement

On campus
employment

GPA

Additional resources:

- What can you do with a major in Physics? <https://col.st/430hE>
- Learn more about occupations involving Physics: <https://col.st/ev2D0>
- Learn more about Physics from a professional association: <https://www.aps.org/>
- See current opportunities in related fields: <https://col.st/GepLr>



Common employers

- Aerotek
- Google
- Raytheon
- Elucent Medical
- Keysight Technologies
- Blue Line Engineering
- Sierra Nevada Corporation
- Northrop Grumman

Common job titles

- Software Engineer
- Web Developer
- Mechanical Engineer
- Systems Analyst
- Data Analyst
- Technical Specialist
- High School Physics Teacher
- Design Engineer



COLORADO STATE UNIVERSITY

COLLEGE OF NATURAL SCIENCES | CAREER CENTER

CAREER CHECKLIST

Year 1

- Go to the Career Center's drop-in hours or schedule an appointment
- Log into Handshake, the CSU Career Center's online location for on-campus jobs, internships, and careers. Find an on-campus job and work for 10+ hrs/week
- Learn about the two physics concentrations: <https://col.st/ZErAl>
- Join a student organization relevant to physics

Year 2

- Go to the Career Center to discuss job/internship search strategies, create a resume and write a cover letter and tips for interviewing
- Apply for undergraduate internships: <https://col.st/9kJpG>

Year 3

- Run for a leadership role in a student organization
- Update your resume and/or cover letter for internships or on-campus jobs
- Learn about graduate school options: <https://col.st/Rd1Wm>

Year 4+

- Present research at CSU
- Attend many networking events to meet employers
- Ask three professors and/or employers to be professional references

Alums

- You may continue to use the Career Center for guidance! All services are still available to you at no cost for one year after graduation and for a small fee after that.

Find more information specific to Physics:
www.natsci.colostate.edu/career-resources/physics/

