

APPLIED PHYSICS MAJOR

MAJOR SUBSTITUTIONS

Many UCD Majors and Minors incorporate credits earned while completing an internship and/or an independent research project. Students in some programs have been able to use their Washington Program Internship (WAS 192) and Research Seminar (WAS 199) credits as substitutions for their major or minor requirements.

Check with your advisor to see if you can do this as well!

INTERNSHIP IDEAS

Some of the places in Washington DC where students with an interest in Applied Physics could intern include:

National Science Foundation
Voxiva, Inc.
National Academy of Sciences
US Dept. of Transportation
US Dept. of Energy

US Naval Observatory
National Air and Space Museum
Jacobs Engineering Group
NASA
Battelle, Inc.

This is not a complete list! Please e-mail at washingtonprogram@ucdavis.edu or visit us in our offices on the 2nd floor of South Hall to learn about more internship opportunities.

QUOTES FROM STUDENTS:

“Working at the US Naval Observatory was helpful because I got to see the practical applications of basic physics and engineering methods. In addition, they were in the process of building a new Speckle Camera, and encountered basic problems in terms of the focus of a lens. I was able to give my input to help solve this problem. I learned a lot about the field and the type of research they conduct at the USNO.”

“From this experience, I was able to use my hands and to become more resourceful. I learned that nothing is set in stone, nothing is perfect, and that science requires an imagination and not just academic knowledge. Additionally, I learned that good science takes hard work, practice, and discipline. I have been blessed to learn from the most intelligent, caring, and humble mentors that I have ever encountered.”

“Interning at NASA is the greatest thing I’ve done for my education since the start of college. My expectations were met and exceeded. My only advice for future Washington Center students: take initiative. If you show the bosses what you’re capable of, huge projects will land in your lap, and although you will be very busy, you’ll learn more than you ever could in a lecture hall.”