

AERONAUTICAL SCIENCE AND ENGINEERING 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 Aeronautical Science and Engineering could intern include:

Association for Women in Science
CARMA International
Computer and Communication Industry Assoc.
International Intellectual Property Institute
NASA

Jacobs Engineering Group
National Air and Space Museum
Department of Energy
Voxiva Inc.

This is not a complete list! Please e-mail us 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. The coolest thing about the internship was the instrument shop, where you get to see them make the camera or telescope- they custom make virtually every part in the building. 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.”

“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.”

“At the Department of Energy I was about to use the computer science skills I had learned in the classroom in a practical, real-life setting. I now have a better perspective on the skills and knowledge that one needs to have in order to succeed in the high-tech industry.”