



Workshops for Engineering & Science Transfers

Integrating transfer students into the UCSC STEM community

The WEST Program has served over 500 new UCSC transfer students since 2007. WEST Participants:

- Work closely with graduate students and postdocs in collaborative, hands-on activities
- Gain deeper knowledge of S&E subject matter while learning valuable research skills
- Are exposed to different S&E disciplines on campus and current areas of research
- Learn about navigating academics and attaining positions in research labs
- Interact with members of UCSC STEM community such as faculty, graduate students, and postdocs

2018 PROGRAM DATES

SEPTEMBER 17th-19th (early move-in available Monday 17th)

APPLY ONLINE: <https://tinyurl.com/2018WEST>

Further information & application link:
<http://isee.ucsc.edu/programs/west>

Participants are placed in 1 of 5 strands depending on major, interests and space. 2018 WEST strands include:

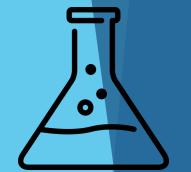
Astrostatistics WEST

Our focus will be on developing intuition about Bayesian reasoning and its application in astronomy so that participants can come away with an understanding that can be applied to any scientific discipline.



Chemistry WEST

Participants will examine the concept of energy transfer between molecules through exploring phenomena produced by molecular interactions.



Computer Science WEST

Decision trees are a concept used in machine learning, which allows computers to learn from data and make predictions. Participants will use computational tools to create algorithms and build predictive models through data analysis.



Ecology WEST

Participants will use modeling to predict an ecosystem's response to disturbances such as sea level rise and forest fires, and present mitigation strategies.



Isotope WEST

Isotopes are powerful tools used across a wide array of STEM fields here at UCSC. We will use these powerful tools to untangle complicated environmental problems.

