



DoubleSTARS™ Fall 2026

From double stars to your scientific paper

How do you weigh a star? Study its companion! Join Boyce-Astro DoubleSTARS™ and turn double-star observations into a scientific paper. Citizen scientists, college students, and high school students working together as research team have authored over 100 scientific papers.

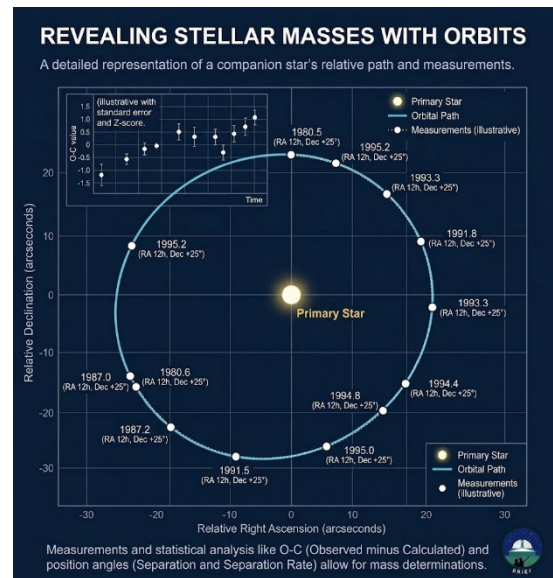
Why observe double stars? Measuring their separation and direction over time helps reveal how the stars move. For gravitationally bound pairs, an orbit and distance let astronomers determine stellar masses and test how stars evolve. Your measurements can be added to that scientific record.

The observations are ready for you. Analyze the images from the Las Cumbres Observatory, interpret your results, and draft a paper. Present your findings, then continue toward peer review and publication with our assistance.

Experience the scientific process with your research team:

- **Analyze** double-star observations
- **Interpret** your results and present your findings.
- **Draft** and refine your scientific paper for peer review and publication.

Prepare with IntroSTARS™, our required online introduction to astrophysics, which you can complete at your own pace.



Fall 2026 Seminar Schedule Meetings are on Zoom at 7:00 PM PT and are recorded.

0	Oct 8	Orientation
1	Oct 15	Introduction to Double Stars
2	Oct 22	Selecting a Double-Star System for Observation
3	Oct 29	Obtaining Double-Star Data from LCO
4	Nov 5	Analyzing Double-Star Data I
5	Nov 12	Analyzing Double-Star Data II
6	Nov 19	Analyzing Double-Star Data III
7	Dec 3	Drafting a Paper
8	Dec 10	Presentation

Learn more at our website: www.boyce-astro.org

Questions ? Email brief.shared@gmail.com

There is a \$49 fee due before Module 1. Class size is limited to 12. Preference will be given to graduates of other Boyce-Astro seminars, followed by those having the highest score on the IntroSTARS™ final quiz.

To apply and be invited to the Zoom Orientation, please get on our Wait List — [Click Here](#)