



# La Serena School for Data Science **2024**

Applied tools for data-driven sciences

The **LA SERENA SCHOOL FOR DATA SCIENCE (LSSDS)**: Applied Tools for Data-driven Sciences is an intensive 10-day program of interdisciplinary lectures focused on applied tools for handling large datasets. Participants are introduced to statistical and computational techniques from the data science domain, such as machine learning, deep learning, natural language processing, databases, image processing and timeseries, to name a few.

Every year, the LSSDS receives over 200 applications from students of several countries to participate in this intensive school. The school typically accepts 32–36 applicants of multiple nationalities comprising ~50 % from US universities, with the remainder coming from Chilean institutions as well as other Latin American countries. Hosted annually in August at the AURA campus in La Serena, Chile, the school has gained popularity since it was launched in 2013.

Students from different disciplines are encouraged to participate, including (but not limited to) astronomy, physics, computer science, statistics, mathematics, biology medical informatics. **Students eligible for a scholarship that covers ALL costs** include advanced undergraduates and early graduate students at any US or Chilean institution, Ecuadorian (CEDIA members) and Latin American institutions.



**Program Venue:**  
*AURA Campus. La Serena, Chile*

**Program Dates:** *first half of August, every year (Exact dates available on the website)*

[lssds.aura-astronomy.org/winter\\_school/](https://lssds.aura-astronomy.org/winter_school/)

