

# ***SLI STEM SUMMER INTERNSHIPS***

SPRING + SUMMER 2022

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## ***Physics/ Astronomy Internship***

Through the Science Learning institute (SLI), 3 Foothill College students have an opportunity for a two quarter internship to work with a Foothill College astronomy instructor and UC Santa Cruz professor and research team in their summer Science internship Program (SIP).

Dates: spring quarter + June 21 - August 13, 2022

### **Coursework or equivalent experience:**

- Python programming
- 2 of the following:
  - Physics (mechanics)
  - Physics (E&M)
  - Astronomy 10A or 10B
- At least one of the following:
  - Calculus
  - Statistics
- Equivalent experience with any of the above would be considered.

### **Other requirements:**

- Spring commitment (11 weeks)
  - Work with Geoff Mathews (Foothill astronomy instructor) - weekly meeting
  - 3 - 4 hours independent work
  - ITRN 50 course
- Summer commitment (8 weeks)
  - ITRN 53 course
  - All SIP required trainings and activities.
  - All SLI required meetings.
  - 20 - 25 hours / week during full internship at UCSC (planned to be hybrid)

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### **To apply:**

- Need to be a Foothill College student (more units at Foothill than at DeAnza).
- Have completed at least 12 units of STEM coursework at Foothill College by the time spring quarter starts.
- Priority given to students who demonstrate financial need, are aiming to transfer, majoring in a STEM discipline, and are first time degree earners.
- Apply at <https://fhda.academicworks.com/opportunities/4989>.

Stipend: \$3200 for the spring + summer commitment

**Deadline to apply: Monday, February 14, 2022**

For more information, contact [sli@foothill.edu](mailto:sli@foothill.edu)