



FOOTHILL COLLEGE

PRE-STEM

SUMMER INSTITUTE

brought to you by the **Science Learning Institute**
"Advancing equity and diversity in STEM"

Explore your interest in STEM within a supportive community.

July 18 - August 5, 2022 // at Foothill's Los Altos Hills campus

The **PRE-STEM Summer Institute** is a free three-week, in-person program which aims to increase the participation of students traditionally **underrepresented in STEM**, including women, first-generation and low-income individuals, and those from historically marginalized groups.

Join us for workshops on **college and math readiness** and work on **social impact team projects** in data science. And make **new friends** before starting school in the fall! **No experience necessary!**

Deadline to apply: June 15, 2022

Find out more at foothill.edu/sli



Are you from a historically excluded and marginalized group in STEM?
Nervous about starting at Foothill and want to get ready in a community environment?
Interested in science, technology, engineering, math (STEM) and want to find out more?
Want to explore the ways technology can be used as a tool for SOCIAL IMPACT?

PROGRAM GOALS

The PRE-STEM Summer Institute (PSI) is a **free** three-week program for incoming Foothill students to

1. Gain exposure to and skills in data science as a tool for social impact.
2. Build confidence in math in preparation for precalculus or calculus in the fall.
3. Collaborate with others on social impact projects.
4. Connect with other students who are interested in STEM fields and entering Foothill in the fall.
5. Get ready and support for starting Foothill College in the fall.

PROGRAM BASICS

WHO	<ul style="list-style-type: none"> • interested in pursuing a STEM major (especially computer science, engineering, physics, or math) • first time enrolling at Foothill College with no previous degrees • live locally to Foothill College and from a historically underrepresented groups • continuing in the PRE-STEM learning community (see below) in fall 2022
WHEN	<p>Monday, July 18 – Friday, August 5, 2022 – IN PERSON at Foothill College</p> <ul style="list-style-type: none"> • Mondays through Thursdays, 10am – 4pm // Fridays, 10am – 12:30pm • 45 minute lunch break at 12pm (lunch provided!)
WHAT	<ol style="list-style-type: none"> 1. Data science, using group project work, focusing on addressing a social issue. 2. Math skills and confidence building workshops. 3. College preparation and readiness workshops 4. Guest speakers, interactive discussions, teambuilding
WHERE	<p>In-person at Foothill College. We are working on arranging for transportation for students who may have limited access to Foothill.</p>
WHY	<p>Research shows that majoring in STEM is hard and having a community of belonging and support helps increase your chances of succeeding in STEM. We want to support YOU to earn your STEM degree!</p>
HOW	<ol style="list-style-type: none"> 1. Apply to Foothill College, for entry in the fall. 2. Fill out the PRE-STEM application by June 15, 2022. 3. Wait to hear about your acceptance.

IMPORTANT LINKS

- Foothill College application: <https://foothill.edu/reg/admission/apply.html>
- [PRE-STEM program form](#) (which includes sign up for the summer institute)
- [PRE-STEM webpage](#) + [PSI webpage](#)