

# Interdisciplinary STEM Seminar



UC Davis' new, online Interdisciplinary STEM Seminar is an intensive, remote-instruction program designed to provide students with the knowledge and English-language skills to confidently communicate in the fields of science and technology. This enriching program offers international undergraduates **a unique opportunity to prepare for a future in STEM**, while improving their English-language abilities from their home countries.

## Program Benefits

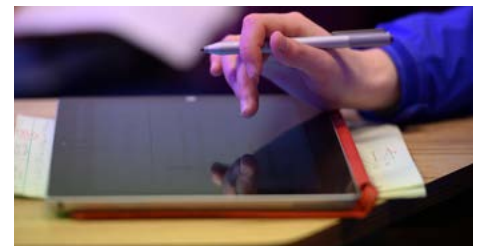
This comprehensive program builds language and professional skills that **empower students to succeed in global, English-speaking technical environments**. The unique focus of the program **nurtures entrepreneurship and increases academic and employment opportunities** for students seeking further education and careers in science, technology and engineering.

- Increase awareness of current issues in applied science and technology and examine new businesses in emerging technologies
- Explore ethics and leadership in science and technology
- Develop technical English vocabulary and strengthen literacy/discussion skills

## Program Details

This three-week, remote-learning program is offered twice a year (summer and winter) and includes **55.5 hours of synchronous learning plus 45 hours of asynchronous work**. The program is open to students of all English levels who want an intensive learning experience in a short-time frame.

For more information or to apply  
[cie.ucdavis.edu/i-stem](http://cie.ucdavis.edu/i-stem)



### Experience the Benefits of Remote Learning

With remote learning, your education doesn't have to compete with the demands of life. Our remote learning courses are specifically designed to provide you with a **flexible, engaging learning experience** for both live and self-guided learning.

## Program Highlights

- Highly qualified and experienced instructors
- Synchronous instruction via Zoom
- Asynchronous instruction via the Canvas Learning Management System
- UC Davis students as conversation partners
- Live weekly lectures and discussion seminars
- No F-1 Visas required

## ENGAGING CURRICULUM

### Hot Topics in STEM

*16 hours/synchronous*

- Improve analytical skills by reading articles, listening to lectures, watching audiovisual programs and discussing current research
- Develop critical thinking skills
- Discuss and appreciate the power of ideas in science and technology that are changing people's lives and the world

### Introduction to Entrepreneurship

*20 hours/synchronous*

- Realize the power of R & D (i.e., research and development) in science and technology through studying entrepreneurship
- Feel the spirit of entrepreneurship that has advanced science and technology and changed the way people live in recent years
- Think flexibly about your future career choices

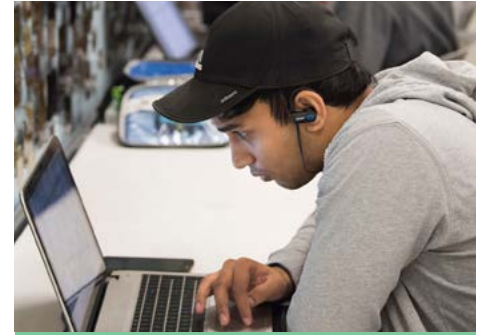
### Listening Comprehension and Pronunciation

*12 hours/synchronous*

- Improve pronunciation skills through directed practice
- Strengthen listening comprehension with dictation, close exercises, note-taking and other activities
- Focus on frequently used vocabulary and expressions in science and technology

### Weekly Lecture Series

To widen students' horizons, content experts from various fields, including professors, researchers, graduate students, business professionals and local leaders, will offer a weekly lecture series on Fridays. These lectures will be followed by discussion sections where UC Davis student assistants will lead small group discussions to enhance students' understanding of the lectures.



#### Learn More Online

To learn more about the GInterdisciplinary STEM Seminar, including a sample schedule, program dates or to request more information, visit our website.

[cie.ucdavis.edu/i-stem](http://cie.ucdavis.edu/i-stem)

203114