



**SUMMER
SPRINGBOARD**
Look Inward. Go Upward.

ENVIRONMENTAL ENGINEERING INFOSHEET

**New student admissions for
Summer 2026 are open.**

2-Week Course

This is a two-week program where you'll focus on one course for the entire duration.



Academic Program Overview

In this dynamic course, students dive into the world of environmental engineering, a field where science, technology and sustainability meet. Through hands-on experiments and collaborative design projects, students explore how engineers tackle real-world challenges like clean water access, renewable energy, pollution control and waste reduction.

Set in San Diego, a city known for its cutting edge sustainability initiatives, the course blends classroom learning, field experiences and a team-based capstone project to give students a true taste of college-level engineering. By the end, students not only understand the fundamentals of environmental engineering but also gain insight into potential career paths in engineering, sustainability and environmental science.



Excursions

Students will have the opportunity to meet experts doing innovative work to protect the environment at places like water treatment centers, desalination plants, ecological reserves, renewable energy companies, recycling facilities, or environmental engineering labs.

Program Highlights

- Dive into the environmental challenges we face as a society and explore real solutions for a sustainable future
- Learn how engineers provide clean, safe water through filtration, desalination and recycling
- Understand pollution, greenhouse gases and strategies for improving air quality
- Explore waste reduction, upcycling and circular economy design
- Investigate renewable energy sources and their role in sustainable infrastructure
- Build systems thinking by modeling the connections between water, air, waste and energy in urban environments

2026 Dates

UC San Diego

- Session 1: June 28 - July 10
- Session 2: July 12 - July 24

Instructor

Dr. Ramin Yazdi

Dr. Ramin Yazdi started teaching environmental engineering courses during 2020 as a PhD candidate at San Diego State University. He earned a Bachelor's degree in Civil Engineering in 1988 from Tehran Polytechnic University of Iran and a Master's degree in Environmental Engineering in 2016 from SDSU. In 2022, he completed his PhD in Mechanical Engineering in the joint doctoral program between UCSD and SDSU. His research area and study focuses on environmental engineering and biofuels. Dr. Ramin currently teaches 4-5 environmental engineering courses each semester, including Environmental Chemistry and Laboratory, Principle Processes of Environmental Systems, and Introduction to Environmental Engineering and Aquatic Chemistry.

Tuition Information:

Residential Students:

- **Includes:** all meals, lodging, excursions, academic course and weekend excursions
- **Excludes:** optional airport pickup and drop off service (available for an additional fee)
- **Price:** \$5,998

Commuter Students:

- **Includes:** lunch, academic course, excursions, programming from 9am to 5pm, Monday-Friday
- **Excludes:** lodging, breakfast, dinner and weekend excursions
 - Weekend excursions can be added on for \$125 per day
- **Price:** \$3,298

Supplements:

- **Application fee:** Starting at \$99 (mandatory, non-refundable)
- **Environmental Engineering Course Supplement Fee:** \$250 (mandatory)
- **Tuition Protection Plan:** Allows for cancellation for any reason up until the day of the program. Click [here](#) for more info.

Summer Springboard programs are not run by our campus partners (with the exception of Cal Poly, University of Washington Foster School of Business, and NYSID which are run in partnership with SSB). Universities and their affiliated departments and partners do not control and are not responsible or liable in any manner for any part of the Summer Springboard program.



Course Structure

There are nine 3-hour class sessions over the two-week course. During week one, students have class from 9am-12pm, Monday through Friday. During week two students have class from 9am-12pm Monday through Thursday. Wednesday afternoons are dedicated to additional academic time (excursions, speakers).



Typical Schedule

8AM	Breakfast	
9AM	Academic Course / Commuter Student Arrival	
12PM	Lunch	
1:30PM	Academic Excursions or Recreational Activity	
3:30PM	College Readiness Workshop or True You	
5PM- 6:30PM	Commuter Student Departure	
6PM	Dinner	
7PM	Clubs	
10:30PM	Night Checks	

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