

SUMMER SPRINGBOARD
Look Inward. Go Upward.

Environmental Engineering Infosheet

New student admissions for Summer 2027 are open.

2-Week Course

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

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

2027 Dates

UC San Diego

- Session 3: July 11 - July 23

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.

Instructor

Dr. Ramin Yazdi (2026)

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:

Apply by November 30 to lock in the lowest prices of the year. Tuition increases on December 1.

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)
- **Tuition**: $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
- **Tuition**: $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.

Course Structure

There are nine 3-hour class sessions over the two-week course. During week one, students have class from 9am-12pm Monday - Friday. During week two, students have class from 9am-12pm Monday through Thursday. Afternoons in both weeks are dedicated to students' preferred College Readiness Workshops (CRW), True You, and Academics in Action, with Academics in Action including academic excursions, guest speakers, and course-related activities, such as an instructor-led project or student-led, independent study.

Typical Schedule

8AM	Breakfast
9AM	Academic Course / Commuter Student Arrival
12PM	Lunch
1:30PM	Academics in Action or Recreational Activity
3:30PM	CRWs, True You, or Academics in Action
5-5:15PM	Commuter Student Departure
6PM	Dinner
7PM	Clubs
10:30PM	Night Checks

Schedule above is a sampler; real schedules may vary based on program and academic track.

More info on Airport Transfer

More info on Unaccompanied Minor Service

Apply Now!

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