College of Engineering

ENVIRONMENTAL ENGINEERING

Leading the Way in Sustainability

Environmental engineers develop technologies that protect the planet. They create better methods for water purification, wastewater treatment, air pollution control, and recovery of resources and energy from waste. They develop ways to prevent pollution and rid soil and groundwater of hazardous materials.

Varied Academics

The University of Arizona's environmental engineering degree program is one of only a handful nationwide established in a combined chemical and environmental engineering department. Students benefit from working with experts in both fields. They gain understanding of how pollutants affect the environment, learn to predict ecosystem and public health consequences, and acquire the knowledge to remediate hazards. Many students continue on to prestigious graduate programs, while others embrace careers with major companies or public works.

Rewarding Career Paths

Environmental engineers are in high demand at private consulting companies, government agencies, research and development firms, and industry. The median salary is over $96,000, according to the Bureau of Labor Statistics.

The University of Arizona

›››› chee.engineering.arizona.edu

COLLEGE OF ENGINEERING

Chemical & Environmental Engineering

Research to Better Our World

Academics stress results-based work, with 90% of undergraduates participating in high-profile research. ShanghaiRanking consistently puts the University of Arizona at No. 1 nationally in water resources. Students work with faculty researchers who have expertise in water treatment and reuse as well as in a number of other areas:

- Renewable Energy
- Atmospheric physics & chemistry
- Nanotechnology
- Bioremediation
- Electrochemical processes
- Semiconductor manufacturing

> "I believe that a combination of chemical and environmental engineering will give me the best tools to make an impact on the world."
>
> **Alum Carlos Weiler,** *PhD student at the University of Virginia*

Learning From Experience

Club involvement, along with professional and peer mentorships, are vital to the undergraduate experience. Wildcat engineers benefit from myriad hands-on activities and real-life projects.

- Research projects and field experience
- Networking with faculty, alumni and professionals
- Interdisciplinary design projects
- Paid internships with industry
- Student clubs and organizations

A Place for Everyone

Various engineering clubs – American Indian Science & Engineering Society; National Society of Black Engineers; Out in Science, Technology, Engineering, and Mathematics; Society of Hispanic Professional Engineers, and Society of Women Engineers, for example – help ensure all students feel welcome and connected.

> "The University of Arizona is a harmonizer between several institutions focusing on one of the most pressing issues impacting this planet: climate change."
>
> **Armin Sorooshian,** *professor*

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