



Fresno State continues to make a deep impact on our community and beyond. From excelling in the classroom and advancing research to positively changing the trajectory of over 25,000 students, we are giving everyone in the larger Central Valley a reason to be proud.



Defining the Valley

\$1 billion in economic activity contributed to the San Joaquin Valley each year



Possibility Meets Intention

Ranked No. 2 nationally in Washington Monthly's 2025 Best Colleges for Your Tuition (and Tax) Dollars



Teaching that Matters

R2 designated institution for high research activity and awarded doctoral degrees

College of Science and Mathematics

The College of Science and Mathematics equips students with the knowledge and skills to understand the physical universe; prepare for careers in research, education, cybersecurity, medicine, biotechnology and other STEM fields; and advance the frontiers of science to build a better tomorrow. Multiple undergraduate and graduate degree options plus strong opportunities for hands-on, faculty-mentored research give students extensive scope to pursue their intellectual passions.

By the Numbers

In-demand disciplines in STEM include biological sciences, computer sciences, physical sciences, psychology, statistics and more.

- 631 student researchers
- 131 research articles, proceedings and book chapters
- 74 student authors
- 442 conference presentations
- 672 student presenters
- \$4.2 million in research grants

Competitive Career Pathways

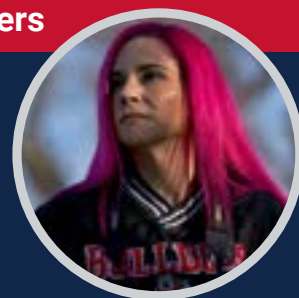
Graduates from the College of Science and Mathematics go on to become industry leaders, securing jobs in a range of fields and pursuing careers with competitive salaries (state median or average earnings listed below).

- High School Science Teacher - \$97,510
- Chemist - \$69,480
- Programmer - \$86,270
- Software Developer - \$126,290
- Data Scientist - \$89,680
- Environmental Scientist - \$90,890
- Licensed Professional Counselor - \$74,030

Source: U.S. Bureau of Labor Statistics, Fresno County median annual wage (2024)

Educating Future Leaders

Senior Felicia A. Sandoval ('26) has overcome a lot of barriers to get her degree, which has made her deeply determined to further her education and give back to her community.



A reentry student and mother of three, Sandoval has found academic success after persevering through domestic violence, addiction and homelessness. A biology major and chemistry minor, Sandoval plans to go to medical school and work as a doctor in her hometown of Visalia.

"I love Fresno State. The university has given me community, a warm welcome and the resources that have helped me be able to accomplish my goals. I want to stay in this community, because we need doctors here. Giving back to my community is important to me, because I know what it's like to have absolutely nothing. Nothing compares to the feeling of being able to give back to people."

Find Your Calling

Biology

Bachelor of Science - Biology

Bachelor of Arts - Natural Sciences, Biology Option

Master of Science - Biology

Master of Biotechnology



Chemistry and Biochemistry

Bachelor of Arts - Chemistry

Bachelor of Science - Chemistry

Bachelor of Science - Biochemistry

Bachelor of Arts - Natural Sciences, Chemistry Option

Master of Science - Chemistry



Computer Science

Bachelor of Science - Computer Science

Master of Science - Computer Science

Earth and Environmental Sciences

Bachelor of Science - Geology

Bachelor of Science - Environmental Science

Bachelor of Arts - Natural Sciences, Earth Science Option

Master of Science - Earth and Environmental Sciences

Master of Science - Water Resource Management



Mathematics

Bachelor of Arts - Mathematics

Bachelor of Science - Mathematics

Master of Science - Mathematics

Single Subject Teaching Credential - Mathematics

Physics

Bachelor of Science - Physics

Bachelor of Science - Biomedical Physics

Bachelor of Arts - Natural Sciences, Physics Option

Master of Science - Physics

Psychology

Bachelor of Arts - Psychology

Bachelor of Science - Pre-Psychology

Master of Arts - Psychology

Master of Arts - Applied Behavior Analysis

Educational Specialist - School Psychology