

2026 Counselor Forum

College of Science, Technology, Engineering,
and Mathematics (CSTEM)

April 22, 2026



BIOLOGICAL SCIENCES

B.S., M.S. Biological Sciences

B.S. Wildfire Science (EL Virtual 2+2)

BIOTECHNOLOGY

B.S. Biotechnology

PSM Biotechnology (EL)

CHEMISTRY & BIOCHEMISTRY

B.S. Chemistry

B.S. Biochemistry

B.S. Chemistry Education Option

M.S. Chemistry

Minor in Green Chemistry (Fall 2025)

PHYSICS

B.S. Applied Physics

COMPUTER SCIENCE & ENGINEERING

B.S. Computer Science

B.S. Computer Information Systems

M.S. Computer Science

B.S. Software Engineering (Fall 2018)

PSM Cybersecurity (EL)

B.S. Cybersecurity (Fall 2024, EL Virtual 2+2)

Minors in AI and Data Science (Fall 2025)

ELECTRICAL & COMPUTER ENGINEERING

B.S. Electrical Engineering (Fall 2019)

B.S. Computer Engineering (Fall 2023)

MATHEMATICS

B.S., M.S. Mathematics

- Math education - General math
- Applied Math - Algorithmic math



BIOLOGICAL SCIENCES

B.S., M.S. Biological Sciences

B.S. Wildfire Science (EL Virtual 2+2)

B.S. Environmental Science (in collaboration with Environment & Geography in CHABSS)

B.S Bioengineering

BIOTECHNOLOGY

B.S. Biotechnology

PSM Biotechnology (EL)

CHEMISTRY & BIOCHEMISTRY

B.S. Chemistry

B.S. Biochemistry

B.S. Chemistry Education Option

M.S. Chemistry

4+1 B.S./M.S Chemistry

PHYSICS

B.S. Applied Physics

Concentration in Applied Mechanics

COMPUTER SCIENCE & ENGINEERING

CSUSM

*B.S. Computer Science

B.S. Computer Information Systems

M.S. Computer Science (**& 4+1**)

PSM Cybersecurity (EL) (**& 2+2+1**)

B.S. Software Engineering (Fall 2018)

*B.S. Cybersecurity (Fall 2024, EL Virtual 2+2)

B.S Artificial Intelligence

B.S./M.S. Data Science

B.S. Industrial & Systems Engineering

ELECTRICAL & COMPUTER ENGINEERING

*B.S. Electrical Engineering (Fall 2019)

B.S. Computer Engineering (Fall 2023)

MATHEMATICS & STATISTICS

B.S. Mathematics (May add Statistics)

- Math education
- General math
- Applied Math
- Algorithmic math

M.S. Mathematics

The Life Sciences

8 in 10



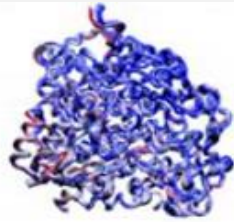
801

**Biology
Majors**



196

**Biotech
Majors**



230

**Biochem
Majors**

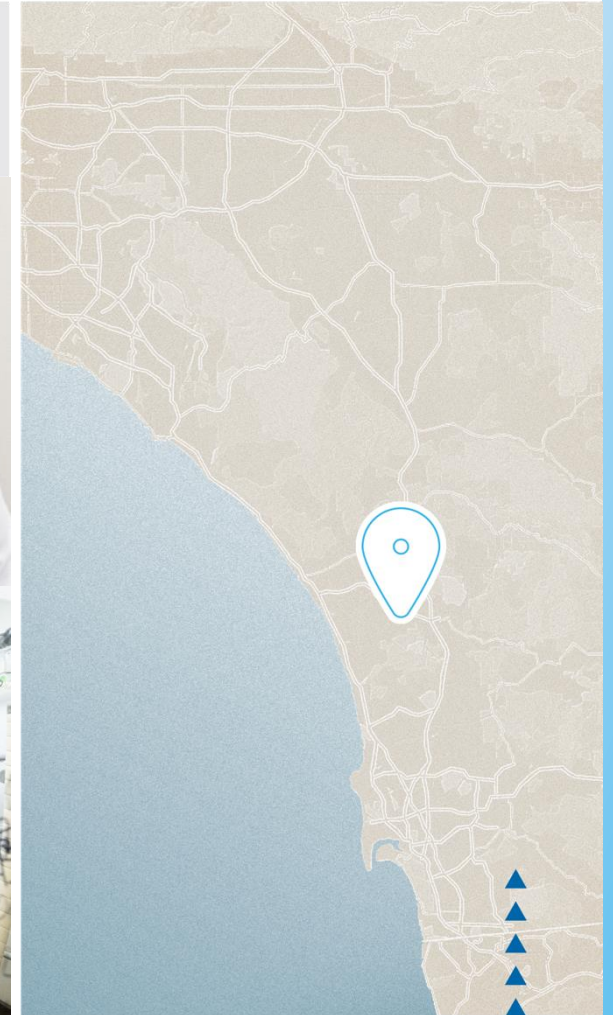
51%

1st Gen

50%

LatinX

**CSUSM
GRADUATES REMAIN
IN THE REGION**

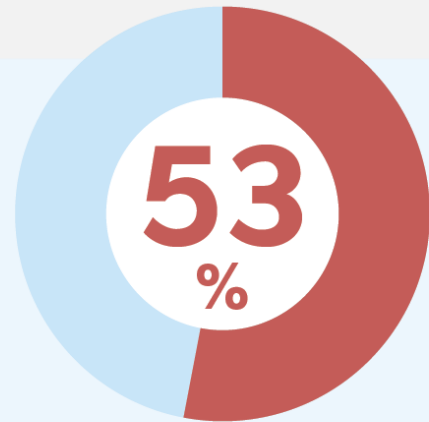


Demand: 1:1 Electrical Engineers

4:1 Software Engineers

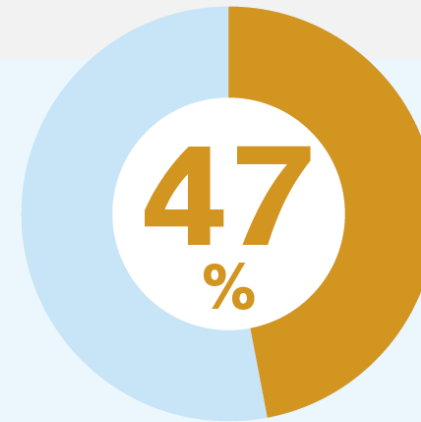
3:1 Systems Engineers

We are committed to preparing the diverse students of our region for rewarding careers in engineering.



1ST-GENERATION

53% of engineering majors are 1st-generation college students



HISPANIC/LATINX

47% of CSUSM engineering majors identify as Hispanic/Latinx; the national percentage of Hispanic/Latinx engineering graduates 13%, while the CSU is 26%

350 Electrical Engineers

172 Software Engineers

60 Computer Engineers

Building Update



March 18



March 25



April 1



April 8



INDUSTRY SYNERGY

- Career Readiness
 - CSTEM Peer & Professional Mentor Program
 - Internship & Co-op Opportunities
 - CSTEM Advisory Council
 - Advisory Boards for each program except Math
 - Capstone Design in Engr & CS
- Student Success
 - I AM FIRST Scholars
 - Speakers, Panelists, Judges
 - Workshops, Bootcamps
 - Industry Site Visits
 - “Day in the Life”
 - Employee Resource Groups & CSUSM Alumni
- Undergraduate High-Impact Experiences
 - Summer Scholars Program
 - Travel Grants (conferences)
- Curricular Design



THANK YOU

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