COLLEGE OF
NATURAL SCIENCE & MATHEMATICS

Exploration by inquiry and learning through discovery
“We find that CSUF graduates have received a quality, well-rounded education and come to the workplace with the knowledge and technical expertise to hit the ground running. Equally as important as their technical skills and knowledge, our CSUF graduates have come to us armed with an understanding of the consulting and business world.”

Mark Zeko
President | Principal Hydrogeologist

“Cal State Fullerton provided me with a superb undergraduate and graduate education that allowed me to compete with graduates from the top universities in the country when I did my Ph.D.”

David Webb, Ph.D.
Chief Executive Officer
MOVING THE FUTURE forward

**BIOLOGICAL SCIENCE**
1,342 STUDENTS
Biology BS/MS, Biotechnology MA/Minor, Cell and Molecular Biology Minor, Environmental Biology Minor

**CHEMISTRY & BIOCHEMISTRY**
609 STUDENTS
Chemistry BA/BS/MA/MS/Minor Biochemistry BS

**MATHEMATICS**
546 STUDENTS
Mathematics BA/MA/MS/Minor Statistics MS

**GEOLOGICAL SCIENCE**
115 STUDENTS
Geology BS/MS/Minor Earth Sciences BA

**PHYSICS**
119 STUDENTS
Physics BS/MS/Minor
The College of Natural Science and Mathematics faculty are passionate scholars who maintain high standards in their research and teaching, while placing student engagement at the heart of their own research programs.

25th MOST INNOVATIVE SCHOOL IN THE U.S.

Based on universities that make the most innovative improvements in terms of curriculum, faculty, students, campus life, technology or facilities.

RESEARCH STATUS

Designated by the Carnegie Classification of Institutions of Higher Education based on an institution that awards doctorate degrees.

118% ENROLLMENT INCREASE (2009-2018)

From 1,879 students in 2009 to 4,100 in 2018
STUDENTS BY THE NUMBERS

2017-18 UNDERGRAD ENROLLMENT

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Asian</td>
<td>25%</td>
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<tr>
<td>African American</td>
<td>2%</td>
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<tr>
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<td>46%</td>
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<tr>
<td>White</td>
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<tr>
<td>International</td>
<td>5%</td>
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<tr>
<td>Multi-Racial</td>
<td>4%</td>
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<tr>
<td>Unknown</td>
<td>4%</td>
</tr>
</tbody>
</table>

FIRST GENERATION COLLEGE STUDENTS

- Biological Science: 391 students
- Chemistry & Biochemistry: 179 students
- Mathematics: 205 students
- Geological Science: 38 students
- Physics: 28 students

From 1,879 students in 2009 to 4,100 in 2018.
CENTERS TO SUPPORT THE MISSION OF CNSM

- Center for Computational & Applied Mathematics
- Center for Applied Biotechnology Studies
- Catalyst (Research in Teaching & Learning Math and Science)
- NSM Student Success Center
- Desert Studies Center
- Gravitational-Wave Physics and Astronomy Center

RENOWNED TEACHING AND EDUCATION

CNSM has 68 tenured professors, 32 tenure-track professors and 16 full-time lecturers.

GW-PAC Joshua Smith, Full-time Professor of Physics; Jocelyn Read and Geoffrey Lovelace, both Associate Professors of Physics; and Alfonso Agnew, Professor of Mathematics; contributed in the discovery of Gravitational Waves.

GRANT FUNDING TO SUPPORT STUDENTS

Faculty members were awarded nearly $5.5 million per annum in grants and contracts for research and scholarly activities.

AWARDS AND COMPETITIONS

- Multiple awards at the CSU Program for Education & Research in Biotechnology
- Giles T. Brown Outstanding Thesis Award
- Crellin Pauling Student Teaching Award
- Don Eden Grad Student Research Award
- Glenn Nagel Undergrad Research Award
- Southern California Botanists Symposium
- Mathematical Association of America
- American Mathematical Society

CAREER FAIRS & ENTHUSIASTIC ATTENDANCE

STEM 607 STUDENTS
50 ORGANIZATIONS

ECS 670 STUDENTS
35 ORGANIZATIONS
The College of Natural Science and Mathematics students go beyond the hands-on, lab, computer and field-based experiences. Students engage in real-world research problems, where they not only learn concepts, but also put those concepts into practice within these organizations and student clubs.