

Natural sciences at The College

Students have access to a variety of programs and centers within the natural sciences, as well as the interdisciplinary experience of studying courses within the other two divisions of The College: social sciences and humanities. This cross-disciplinary approach transforms students into socially aware, critical thinkers who have the tools to adapt and succeed in their career and life.

Academic units

Department of Physics
Department of Psychology
School of Earth and Space Exploration
School of Life Sciences
School of Mathematical and Statistical Sciences
School of Molecular Sciences

Centers and institutes

Beus Center for Cosmic Foundations
Beyond Center for Fundamental Concepts in Science
Biodiversity Knowledge Integration Center
Buseck Center for Meteorite Studies
Center for Biodiversity Outcomes
Center for Bioenergy and Photosynthesis
Center for Biological Physics
Center for Biology and Society
Center for Education Through eXploration
Center for Evolution and Medicine
Center for Materials of the Universe
Global Drylands Center
Interplanetary Initiative
REACH Institute
Simon A. Levin Mathematical, Computational and Modeling Sciences Center

Philanthropy fuels possibilities

When you invest in the natural sciences, you help fuel our commitment to creating access for all students. For the 2020-2021 academic year, students in The College received more than \$124 million in scholarships, allowing them a better chance to thrive in their academic journey. In addition, philanthropy provides an extra measure of support for our top faculty, research initiatives and community programs that otherwise could not be achieved. Together, we can impact the lives of many.

asufoundation.org/thecollege

“The division of natural sciences is the engine of fundamental discovery, making ASU a top research comprehensive public university. We are preparing the scientific leaders of tomorrow to identify solutions to the biggest challenges our world presently faces.”

— **Kenro Kusumi**
Dean of Natural Sciences

naturalsciences.thecollege.asu.edu



Fact sheet
Natural Sciences

2,210
degrees
granted
(2019-2020)

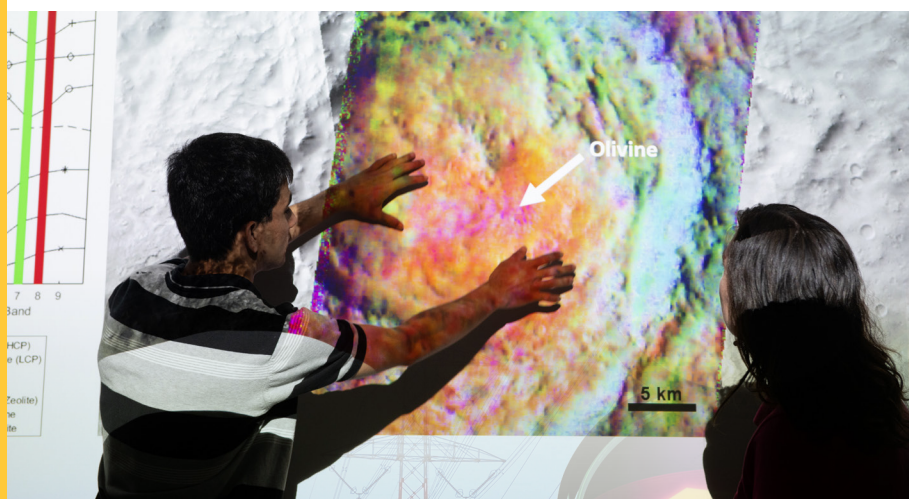
6
schools and
departments

15
research centers
and institutes

32
undergraduate
majors

Impacting society's progress through groundbreaking research

The natural sciences division at The College of Liberal Arts and Sciences has a direct impact on society's progress. Here, students and faculty discover solutions to fundamental questions through groundbreaking research, exploring everything from the great unknowns of the Earth and our Solar System, to addressing challenges like COVID-19 and global climate change. The six schools and departments within the division advocate for diversity and inclusion in classrooms, labs and the broader community, understanding the importance of research efforts that align with the university's charter.



Leading global impact and innovative solutions

Our faculty and scholars are educating the next generation of globally informed leaders while creating a more equitable, sustainable future. We are proud to have multiple members of the National Academy of Sciences, the National Academy of Education and many more top scholars leading our mission to provide unmatched access to all.



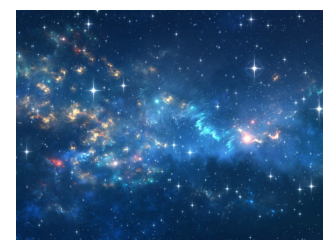
Expanding access for all students

The Online Undergraduate Research Scholars program offers hands-on, experiential learning specifically for students enrolled through ASU Online. The program launched in the natural sciences division and is currently expanding to the social sciences and humanities divisions.



Exploring new frontiers of virtual reality

Evolutionary biologist Michael Angilletta of the School of Life Sciences is working with Dreamscape Immersive, the world's leading virtual reality company, to build and pilot innovative curriculum for ASU's first immersive biology class experience. The new partnership merges the emotional power of storytelling with ASU's digitally enhanced education to deliver fully immersive VR learning systems.



Expanding our knowledge of the universe

The new Beus Center for Cosmic Foundations, founded through a generous gift by philanthropists Leo and Annette Beus, aims to help us better understand the history of early stars, galaxies and black holes and how they interplay with their galactic environments. This center, through cutting-edge observational and theoretical astrophysics, will advance this research into the new era of discovery.

Expanding our knowledge of the universe

By measuring our success not by whom we exclude, but rather whom we include and how they succeed, The College builds up a community that values, welcomes and amplifies unique perspectives. Through a number of new initiatives, Sun Devils are able to have important conversations and develop diversity-informed research, while learning how to thrive in today's interconnected world. Of the 13,000+ students pursuing a degree in the natural sciences, 36 percent are Pell Grant eligible and 30 percent are the first in their families to attend a university.

20:1 student to faculty ratio

530 faculty members

280 National Scholar students

350 tenured and tenure-track faculty

40,501 students enrolled in natural science courses

“As I continued to explore opportunities inside and outside of the lab, I realized that there is also a lot of auxiliary programming and math that supports problem-solving in chemistry. I consequently added computational math as a second degree. I found it very easy to get excited about math and chemistry. I always felt like I could never learn enough.”

Michael S.
Biochemistry (BS)
Computational mathematical sciences (BS)

