

## School of Life Sciences research centers

ASU-Banner Neurodegenerative Disease Research Center

Biodiversity Knowledge Integration Center

Center for Applied Structural Discovery

Center for Bio-mediated and Bio-inspired Geotechnics

Center for Biodiversity Outcomes

Center for Bioenergy and Photosynthesis

Center for Biology and Society

Center for Evolution and Medicine

Center for Fundamental and Applied Microbiomics

Center for Immunotherapy, Vaccines and Virotherapy

Center for Innovations in Medicine

Center for Membrane Proteins in Infectious Diseases

Center for Social Dynamics and Complexity

Global Drylands Center

Lincoln Center for Applied Ethics

Mechanisms of Evolution

Neurodegenerative Disease Research Center

Swette Center for Environmental Biotechnology

Urban Climate Research Center

Virginia G. Piper Center for Personalized Diagnostics

## Philanthropy fuels possibilities

When you give to the School of Life Sciences you are contributing to the causes that you care about most. From cancer to Alzheimer's, conservation to climate change, your gift advances research for a better future. Your generosity also supports students through scholarships, internships, and travel grants that empower them to undertake their own research projects, and you become a partner in their success as they go on to change the world.

[sols.asu.edu/about/giving](https://sols.asu.edu/about/giving)

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School of Life Sciences  
427 East Tyler Mall  
Tempe, AZ 85287  
April 2022

# School of Life Sciences

## Fact sheet

Natural Sciences

**ASU** The College  
of Liberal Arts and Sciences  
Arizona State University



**10**  
undergraduate  
degrees

**16**  
graduate  
degrees

**6**  
minors and  
certificates

**20**  
research  
centers

# Empowering change for life

The School of Life Sciences is shaping a future of innovation through a culture of collaborative research and connected education. Access to cutting-edge faculty labs and interdisciplinary centers and institutes empowers a new generation of leaders, giving them the resources and training they need to change lives.



# Leading global impact and innovative solutions

Our faculty and scholars are transforming science education and collaborative research at every level, while finding solutions to global challenges to create a more equitable, sustainable future. We are proud to have a Nobel laureate, a MacArthur Fellow, a Pulitzer Prize winner, seven National Academy of Sciences members and many more top scholars leading the way in our community.



## Piloting immersive learning at ASU

Our faculty and staff have taken connected education to the next level, building virtual reality introductory biology course modules to pilot Dreamscape Learn — a revolutionary new partnership at ASU that allows students to explore and learn in an immersive digital environment to solve problems and apply key concepts.



## Overcoming a pandemic

World experts in virology, immunology, and coronaviruses came together to respond to the COVID-19 pandemic in a massive and dedicated effort — building the newly-accredited ASU Biodesign Clinical Testing Laboratory, identifying and tracking COVID variants for the Arizona Department of Health, and developing rapid antibody tests showing the efficacy of vaccine boosters in preventing COVID infection.



## Science education for all ages

Over its 25-year history, Ask A Biologist - a preK-12 biology learning resource site that predates Google, has answered more than 40,000 questions, been visited over 40 million times and used in 7,000+ classrooms every year. A dedicated team of volunteers continues the work, answering questions, writing stories, developing content, and translating content into 20 languages.

# Breaking down barriers to build up communities

Students and faculty in the School of Life Sciences represent diverse cultures and backgrounds. By breaking down barriers, we are building up a community that values unique perspectives as we work together to change lives through science, medicine and research. With a strong emphasis on advocating for equity and social justice across all areas, students will join pivotal conversations and initiatives to shape STEM education, while also preparing to thrive in today's interconnected world. Of the 6,460 students pursuing degrees in the School of Life Sciences, 37% are Pell Grant eligible and 30% are first-generation college students.

|         |  |
|---------|--|
| 11,974+ | students enrolled in School of Life Sciences courses |
| 97      | tenured and tenure-track faculty                     |
| 123     | faculty members                                      |
| 47%     | racial and ethnic diversity                          |
| 68%     | women  |

“Knowledge is power, and if we understand how the virus works, if we understand what the makeup of the virus is and how it changes over time, we can develop the tools to defeat it. And so it makes sense to be optimistic, when we have researchers like this working on the problem.”

**Jennifer Fewell**  
Interim Director of the School of Life Sciences

