

Biomimicry (Graduate Certificate)

LABMYGRCT

Integrate biomimicry principles into your current or planned profession and develop the ability to work toward innovative and sustainable solutions.

Program description

Degree awarded: Certificate Biomimicry (Certificate)

The graduate certificate in biomimicry, the practice of emulating nature's strategies for human designs, is offered in conjunction with [The Biomimicry Center](#) in cooperation with Biomimicry 3.8, the internationally recognized leader in the field.

The program is designed to introduce and delve into the core fundamentals of biomimicry, such as Biomimicry Thinking and Life's Principles, with the intention to apply the knowledge and tools to one's specific interests or discipline. It is best suited for individuals with an established career who wish to integrate biomimicry into their profession. Participants have the opportunity to explore the application of these core fundamentals in their own discipline, field or area of interest during the biomimicry Virtual Design Lab as their culminating project.

Graduates have the ability to work toward innovative and sustainable solutions within their discipline by emulating nature's time-tested sustainable solutions evolved over the last 3.8 billion years.

At a glance

- **College/School:** [College of Global Futures](#)
- **Location:** [Online](#)

Degree requirements

15 credit hours

Required Core (13 credit hours)

BMY 501 Essentials of Biomimicry (1)

BMY 502 Life's Principles (4)

BMY 503 Biology Taught Functionally (4)

BMY 504 Biomimicry Thinking (4)

Other Requirement (2 credit hours)

BMY 530 Virtual Design Lab Practicum (2)

Admission requirements

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program

Applicants must submit the following:

1. graduate admissions application and application fee
2. official transcripts
3. fill out and upload questionnaire
4. curriculum vitae or resume
5. three letters of recommendation
6. proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of [English proficiency](#) regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about [ASU tuition and financial aid](#) options to find out which will work best for them.

Attend online

ASU Online

ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may [view the program's ASU Online page](#) for program descriptions and to request more information.

Application deadlines

Fall

Spring

[expand](#)

Summer

[expand](#)

[expand](#)

Global opportunities

Global experience

The biomimicry program offers a distinct global network of participants (approximately 30% are international students). In addition to multiple collaboration opportunities across the program with a diverse set of peers, one has the ability to custom design one or more of their practicum courses to include study abroad.

Study abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the [College of Global Futures Study Abroad](#) webpage, and additional opportunities and information on the [ASU Global Education Office](#) website. These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through [ASU's Lorraine W. Frank Office of National Scholarships Advisement](#).

Career opportunities

Professionals can help bring about positive change with the specialized knowledge and skills they acquired through the biomimicry program.

The certificate enhances a graduate degree by developing a biomimicry specialty, increases career prospects and helps professionals stand out in a sea of job applicants. It also expands existing professional

experience. The certificate can complement virtually any career path, including business, technology, science, education or government.

Contact information

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