

Innovation in Society, BS

FIFISBS

At the School for the Future of Innovation in Society, join a community of dedicated innovators who are bridging the gap between humans and technology and making a real difference in people's lives every day, across the planet. Help others imagine, design and create healthy, thriving, sustainable and equitable futures.

Program description

Innovation is fundamentally about empowering people and unlocking their potential to create positive change. That requires a human touch and knowledge of how to put people and communities first, not technology. The BS program in innovation in society is specifically designed to prepare students to be leaders in this exciting and fast-growing field.


The program centers on building a foundational knowledge in innovation while honing skills like scenario planning, policy analysis, the responsible design of innovations, and public engagement. Graduates are equipped to understand the intricacies of modern-day challenges and anticipate and navigate future trends.

The program's small classes, one-on-one opportunities to work with faculty, and extensive community partnerships create a valuable student experience in which students can learn how to develop the imagination, creativity, skills and expertise needed to help envision, plan and implement effective strategies for change. Students learn how to use approaches like policy analysis, foresight and scenario building, knowledge system creation and strategic plan development.

In the program, students explore:

- artificial intelligence --- diving into its potential and grappling with its integration into society
- biotech breakthroughs --- harnessing insights from biotechnologies reshaping the world
- eco-conscious strategy --- merging technology insights with environmental imperatives for sustainable solutions
- emerging technologies --- exploring new technologies like quantum computing and augmented reality and its global impact
- impact on society --- engaging with simulations and projects that reflect technology's societal interplay
- vantage point --- grasping how technology impacts different roles, such as policymaking, technology consulting and digital ethics

At a glance

- **College/School:** [College of Global Futures](#)
- **Location:** [Tempe](#) or [Online](#), [ASU Local](#)
- **Second language requirement:** No
- **First required math course:** MAT 170 - Precalculus
- **Math intensity:** Moderate 

Required courses (Major Map)

[2024 - 2025 Major Map \(on-campus\)](#)

[2024 - 2025 Major Map \(online\)](#)

[Major Map \(Archives\)](#)

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an **accelerated bachelor's plus master's degree** with:

[Global Technology and Development, MS](#)

[Public Interest Technology, MS](#)

[Science and Technology Policy, MSTP](#)

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and [how to apply](#).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.

[First-year](#) | [Transfer](#) | [International](#) | [Readmission](#)

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.

Change of Major Requirements

A current ASU student has no additional requirements for changing majors.

Students should visit the [Change of Major form](#) for information about how to change a major to this program.

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.

ASU Local

It is now possible to earn an ASU degree with [ASU Local](#), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use [MyPath2ASU®](#) to outline a list of recommended courses to take prior to transfer.

ASU has [transfer partnerships](#) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze and deconstruct complex social, technological, legal, ethical and social justice issues using multiple strategies.
- Apply foresight methods to analyze emerging trends and plausible futures.
- Design creative strategies to address current societal and technological challenges.

Global opportunities

Global experience

With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

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.

Career opportunities

As the landscape of science and technology rapidly transforms, the demand for graduates with a nuanced grasp of these changes becomes paramount. Across industries, there's a growing need for expertise in interpreting and guiding advancement in science and technology that can improve people's lives.

Graduates are poised for success in a range of sectors including cities, aid agencies, charities and companies that are helping tackle difficult challenges. Alumni have highly sought-after jobs at NASA, Department of Energy, Intel, OpenAI and beyond. Preparation in both theoretical and practical facets of innovation makes graduates invaluable assets in tech startups, corporations, nonprofits and governments.

Students can explore alumni employment data for career insights on the [College of Global Futures employment data page](#).

Example job titles and salaries listed below are not necessarily entry level, and students should take into consideration how years of experience and geographical location may affect pay scales. Some jobs also may require advanced degrees, certifications or state-specific licensure.

| Career | *Growth | *Median salary |
|--|---------|----------------|
| Chief Sustainability Officer | | \$189,520 |

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|---|-------|-----------|
| <u>Clinical Data Manager</u> ☀ | 35.2% | \$103,500 |
| <u>Clinical Informatics Analyst</u> ☀ | 9.6% | \$102,240 |
| <u>Environmental Protection Specialist</u> ☀ | 6.1% | \$76,480 |
| <u>Health Sciences Manager</u> ☀ | 4.8% | \$144,440 |
| <u>Information Security Analyst</u> ☀ | 31.5% | \$112,000 |
| <u>Logistics Analyst</u> ☀ | 18.3% | \$77,520 |
| <u>Medical Records Analyst</u> ☀ | 16.5% | \$58,250 |
| <u>Operations Research Analyst</u> ☀ | 22.5% | \$85,720 |
| <u>Sustainability Specialist</u> ☀ | 4.1% | \$75,990 |

* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).

☀ Bright Outlook

Contact information

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