Sustainability, BS

If you dream of leading the world to a better and brighter future, one with more focus on viable and renewable sources of energy and on environmental and economic stability, then you'll want to join a vibrant community of like-minded students tackling the world's grand challenges at the nation's first School of Sustainability.

Program Description

Students in ASU's School of Sustainability are rethinking and reinventing the future of a world at risk. The school's programs encourage experiential learning, study abroad, research with faculty, community engagement and leadership development. The knowledge and solutions that are created today will shape the social and environmental quality of life for future generations.

The School of Sustainability offers two degrees in sustainability: a BA and a BS. Both programs introduce students to the concept of sustainability in the context of real-world challenges and focus on developing practical solutions and interventions to some of the most pressing environmental, economic and social challenges of sustainability. Students learn to approach challenges with consideration of complex adaptive systems and resilience, interconnections and cascading effects across scales, management of trade-offs, ethics and values, stakeholder engagement, future visioning and scenario typologies for transitioning systems, and other cutting-edge frameworks.

The Bachelor of Science is geared toward students interested in the more quantitative aspects of sustainability, such as those related to energy and materials, economics, and ecology and environmental science.

Students may find more information about opportunities within the School of Sustainability at these sites:

Study Abroad: https://schoolofsustainability.asu.edu/student-life/study-abroad/
Research: https://schoolofsustainability.asu.edu/student-life/student-research/
Student Clubs and Organizations: https://schoolofsustainability.asu.edu/student-life/student-clubs-and-organizations/
Internships:
At a Glance

- **College/School:** College of Global Futures  
- **Location:** Polytechnic, Tempe or Online, ASU Local

- **Additional Program Fee:** Yes  
- **Second Language Requirement:** Yes  
- **First Required Math Course:** SOS 101 - Intro Appl Math Life & Soc Sci  
- **Math Intensity:** Moderate

Required Courses (Major Map)

- [2022 - 2023 Major Map (On-campus)](https://schoolofsustainability.asu.edu/student-life/internships/)  
- [2022 - 2023 Major Map (Online)](https://schoolofsustainability.asu.edu/student-life/mentorship-opportunities/)  
- [Major Map (Archives)](https://schoolofsustainability.asu.edu/student-life/internships/)

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 and master's degree with:

- [Global Management, MGM](https://schoolofsustainability.asu.edu/student-life/internships/)  
- [Sustainability Solutions, MSUS](https://schoolofsustainability.asu.edu/student-life/mentorship-opportunities/)

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements

General University Admission Requirements:
All students are required to meet general university admission requirements.

First-year | Transfer | International | Readmission

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements:

Transfer students, those with 12 or more transfer credit hours after high school graduation, are required to have a cumulative transfer GPA of 3.00 or higher. The School of Sustainability reviews transfer applications that fall below this GPA level on an individual basis.

Change of Major Requirements

ASU students who would like to change their major to sustainability are required to have a minimum cumulative ASU GPA of 3.00, based on at least 12 credit hours of ASU coursework.

Students should refer to https://changemajor.apps.asu.edu 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 description and request more information here.

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. Those interested may learn more about ASU Local here.

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. Students may learn more about these programs by visiting the admission site: [https://admission.asu.edu/transfer/MyPath2ASU](https://admission.asu.edu/transfer/MyPath2ASU).

**Global Opportunities**

**Global Experience**

With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. [https://goglobal.asu.edu/](https://goglobal.asu.edu/)

The School of Sustainability recommends the following study abroad programs for students majoring in sustainability: [https://goglobal.asu.edu/students/major/sustainability](https://goglobal.asu.edu/students/major/sustainability).

**Career Opportunities**

Recent interest in sustainability within business and government has created new employment opportunities (e.g., sustainability coordinators, directors and managers). Students can learn more about careers in sustainability and where undergraduate alumni are now employed, by visiting: [https://schoolofsustainability.asu.edu/careers/career-advising/alumni-employment-data/](https://schoolofsustainability.asu.edu/careers/career-advising/alumni-employment-data/). Of undergraduate alumni who have shared their experiences with the school, 92% are either employed in sectors such as those listed above or have gone on to a graduate program. Of those employed, 66% have jobs directly related to sustainability.

Those with a Bachelor of Science in sustainability offer employers and graduate programs an integrated approach to developing solutions to sustainability challenges. They understand the complexity of systems, have engaged in a range of knowledge and experience from different disciplinary perspectives, and understand the importance of planning for the future and how to engage stakeholders in that process. Graduates of the program are adaptable and prepared for a changing world.

In addition to going on to graduate school, graduates of the program are qualified for well-paying positions in:

- business
- consultancy
- government and intergovernmental organizations
- international development
- natural resource management (including land, energy, waste and water management)
- nongovernmental organizations and nonprofits
- policy-making enterprises
• regulatory agencies and utilities

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

<table>
<thead>
<tr>
<th>Career</th>
<th>*Growth</th>
<th>*Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Climate Change Analyst</td>
<td>7.8%</td>
<td>$73,230</td>
</tr>
<tr>
<td>Compliance Manager</td>
<td></td>
<td>not available</td>
</tr>
<tr>
<td>Environmental Economist</td>
<td>14.1%</td>
<td>$108,350</td>
</tr>
<tr>
<td>Environmental Restoration Planner</td>
<td>7.8%</td>
<td>$73,230</td>
</tr>
<tr>
<td>Environmental Specialist</td>
<td>8.4%</td>
<td>$46,850</td>
</tr>
<tr>
<td>Hydrogeologist</td>
<td>4.8%</td>
<td>$137,940</td>
</tr>
<tr>
<td>Market Research Analyst</td>
<td>17.7%</td>
<td>$65,810</td>
</tr>
<tr>
<td>Park Ranger</td>
<td>5.1%</td>
<td>$64,020</td>
</tr>
<tr>
<td>Recycling Coordinator</td>
<td></td>
<td>not available</td>
</tr>
<tr>
<td>Sustainability Specialist</td>
<td></td>
<td>not available</td>
</tr>
</tbody>
</table>

* 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  🌿 Green Occupation

**Contact Information**

Schedule an advisor appointment
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