Environmental Science, BS

Program Description

The study of society's impact on the earth's ecosystems and resources has become increasingly important during the past 20 years. The BS program in environmental science at ASU's West campus is dedicated to finding solutions to the challenges posed by climate change.

As technology evolves at a dizzying pace and the global population grows each year, the measurement of the human race's impact on the environment has created many new jobs and career paths. Environmental basics are required, ensuring that students are well-versed in biological study including molecular, organismal and ecosystem biology. This is backed by a strong foundation in chemistry, statistics and geographic information systems.

Because environmental science is a versatile and multi-faceted field, ASU supplements this degree with a focus on the management and communication skills necessary in various environmentally-specific careers.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program.

At a Glance

- **College/School:** New College of Interdisciplinary Arts and Sciences
- **Location:** West campus [WUE](#), ASU@Lake Havasu
- **Additional Program Fee:** Yes
- **Second Language Requirement:** No
- **First Required Math Course:** MAT 210 - Brief Calculus
- **Math Intensity:** Moderate
Required Courses (Major Map)

2019 - 2020 Major Map
Major Map (Archives)

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:

- Environmental and Resource Management (Water Management), MS
- Environmental and Resource Management, MS

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

Admission Requirements

General University Admission Requirements:

All students are required to meet general university admission requirements.

| Freshman | Transfer | International | Readmission |

Change of Major Requirements

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

Students should refer to https://changingmajors.asu.edu/request for information about how to change a major to this program.

Transfer Options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search 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 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/pathway-programs.

Global Opportunities

Global Experience

With over 250 programs in more than 65 countries (ranging from one week to one year), study abroad is possible for all ASU students wishing to gain 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 may apply financial aid and scholarships toward program costs. https://mystudyabroad.asu.edu/

Career Opportunities

Career opportunities for graduates of this program include employment in federal and state agencies (such as the U.S. Bureau of Land Management, U.S. Environmental Protection Agency, U.S. Forest Service, etc.), private consulting firms and nongovernmental and nonprofit organizations. Graduates of the program are also well-qualified to pursue graduate studies in relevant areas of the natural sciences.

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>11.1%</td>
<td>$69,400</td>
</tr>
<tr>
<td>Environmental Protection Specialist</td>
<td>11.1%</td>
<td>$69,400</td>
</tr>
<tr>
<td>Environmental Restoration Planner</td>
<td>11.1%</td>
<td>$69,400</td>
</tr>
<tr>
<td>Environmental Sciences Professor</td>
<td>9.6%</td>
<td>$76,360</td>
</tr>
<tr>
<td>Fish and Wildlife Biologist</td>
<td>7.6%</td>
<td>$62,290</td>
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<tr>
<td>Hydrogeologist</td>
<td>9.9%</td>
<td>$118,970</td>
</tr>
<tr>
<td>Hydrologist</td>
<td>9.9%</td>
<td>$79,990</td>
</tr>
<tr>
<td>Industrial Ecologist</td>
<td>11.1%</td>
<td>$69,400</td>
</tr>
<tr>
<td>Soil Conservationist</td>
<td>6.3%</td>
<td>$61,480</td>
</tr>
<tr>
<td>Soil Scientist</td>
<td>8.8%</td>
<td>$62,430</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**

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