Science, Technology and Society, BS

ECSTSBS

Are you a futurist, wondering how advances in science and technology impact our lives or how people and policies impact the kinds of science and technology that are legitimimized and funded? Explore how the push and pull of these questions shape our future. Choose courses related to fields and sectors that interest you.

Program Description

Questions surrounding the interaction of science, technology and human systems are highly transdisciplinary and cultural, requiring analytical techniques that transcend space and time. Thus, the BS program in science, technology and society stresses the need to step outside both disciplinary and cultural boxes in pursuit of knowledge.

Accordingly, the program is heavy on cultural and information literacy and critical thinking. The primary goal is to produce generalists who understand the intricate interrelationship of science, technology and society and who are armed with the technical skills to change their environment.

The bachelor's degree program in science, technology and society prepares professionals and scholars for careers in the 21st century world focusing primarily, but not exclusively, on the interaction of science and technology with human systems. The program focuses on the development of the technical skills required to audit social, political and policy impacts of technological advancement and the competence required to navigate questions surrounding the future trajectory of science and technology.

The following three tracks are available: general science, technology and society; global technology and development; and science, technology and governance. Students may use the general science, technology and society track to design targeted programs of their choosing, including premedical and prelaw.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% 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:** College of Integrative Sciences and Arts
- **Location:** Polytechnic campus
- **Additional Program Fee:** No
- **Second Language Requirement:** No
- **First Required Math Course:** MAT 142 - College Mathematics
- **Math Intensity:** General

Required Courses (Major Map)

2021 - 2022 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:

Integrative Social Science, MS

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.
Freshman | Transfer | International | Readmission

Change of Major Requirements

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

Students should refer to https://changemajor.apps.asu.edu 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 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 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 (programs vary in length, from one week to one year), study abroad is possible for all science, technology and society students. Students in all tracks can benefit from a study abroad experience, especially those in the global technology and development track. Study abroad helps students increase their global knowledge and intercultural communication skills, which can prepare them for graduate and professional study as well as to lead in 21st century careers, both domestic and international. https://goglobal.asu.edu/

Career Opportunities

Graduates are prepared for graduate or professional study or professional careers as:

- commercial and industrial designers
- compliance managers
- environmental restoration planners
- public relations specialists
- recycling coordinators
- regulatory affairs specialists
- sales representatives (wholesale, manufacturing, technical, scientific products)
- sustainability specialists
- training and development specialists
- transportation planners
- urban and regional planners

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>Clinical Trial Manager</td>
<td>4.8%</td>
<td>$137,940</td>
</tr>
<tr>
<td>Compliance Manager</td>
<td>not available</td>
<td>not available</td>
</tr>
<tr>
<td>Health Sciences Manager</td>
<td>4.8%</td>
<td>$137,940</td>
</tr>
<tr>
<td>Occupation</td>
<td>Growth Rate</td>
<td>Salary</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>-------------</td>
<td>------------</td>
</tr>
<tr>
<td>Investment Fund Manager</td>
<td>15.5%</td>
<td>$134,180</td>
</tr>
<tr>
<td>Political Analyst</td>
<td>6.1%</td>
<td>$125,350</td>
</tr>
<tr>
<td>Political Science Professor</td>
<td>4.9%</td>
<td>$85,760</td>
</tr>
<tr>
<td>Regulatory Affairs Manager</td>
<td>not available</td>
<td></td>
</tr>
<tr>
<td>Security Manager</td>
<td>not available</td>
<td></td>
</tr>
<tr>
<td>Social Services Director</td>
<td>17.0%</td>
<td>$69,600</td>
</tr>
<tr>
<td>Store Security Manager</td>
<td>not available</td>
<td></td>
</tr>
<tr>
<td>Supply Chain Manager</td>
<td>3.5%</td>
<td>$96,390</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**

[College of Integrative Sciences and Arts](mailto:CISA@asu.edu) | SANCA 233  
[College of Integrative Sciences and Arts](mailto:CISA@asu.edu) | 480-727-1526