Through this degree program you'll gain unique historical, philosophical, political and ethical perspectives to become a more effective teacher, writer, policymaker, clinician or researcher. You'll also develop the critical-thinking skills needed to navigate ethical complexities surrounding scientific discovery.

Program Description

The BS program in biological sciences with a concentration in biology and society focuses on training biology students to understand the social context of their science, to ask how and why a biological problem has been and should be studied. Students explore the ways in which policy decisions shape and are shaped by biological research and they investigate the meaning and significance of the life sciences in understanding our complex world.

The biology and society curriculum is highly individualized. This unique degree is home to world-class researchers and teachers in diverse fields, including bioscience ethics, history and philosophy of science, science communication, science education and science policy, all brought together under one program. Students have the opportunity to work with many renowned scholars in independent study and research projects.

This program is available as an accelerated degree program:
https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science.

At a Glance

- **College/School:** College of Liberal Arts and Sciences
- **Location:** Tempe campus
- **Additional Program Fee:** Yes
- **Second Language Requirement:** No
- **First Required Math Course:** MAT 251 - Calculus for Life Sciences
or MAT 270 Calculus with Analytic Geometry I

- **Math Intensity**: Moderate

## Required Courses (Major Map)

2018 - 2019 Major Map  
Major Map (Archives)

### Accelerated Degrees

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:

- Biology (Biology and Society), MS  
- Biology, MS  
- Molecular and Cellular Biology, 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://students.asu.edu/changingmajors](https://students.asu.edu/changingmajors) for information about how to change a major to this program.

### Transfer Agreements

ASU has partnered with colleges and universities in Arizona, California, Illinois and Washington to provide transfer curriculum pathways. Students should select their current institution to see if there is a partnership
agreement between the institution and ASU for this degree program. Students who do not see their state or institution listed should check back as ASU is always working on creating new partnerships.

Transfer from a Maricopa Community College in Arizona

Select a college

- Chandler-Gilbert Community College
- Estrella Mountain Community College
- GateWay Community College
- Glendale Community College
- Mesa Community College
- Paradise Valley Community College
- Phoenix College
- Rio Salado College
- Scottsdale Community College
- South Mountain Community College

Transfer from an Arizona Community College

Select a college

- Arizona Western College
- Central Arizona College
- Cochise College
- Coconino Community College
- Dine College
- Eastern Arizona College
- Gila Community College
- Mohave Community College
- Northland Pioneer College
- Pima Community College
- Tohono O'odham Community College
- Yavapai College

Transfer from another state

Select a state

- California
- Illinois
- Washington
- Another state

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

Biology and society students gain the historical, philosophical, political and ethical perspectives needed to explore interactions between the life sciences and related, complex human issues. As a result, the program contributes to better informed and more effective teachers, writers, policymakers, clinicians and researchers in areas related to biology, medicine and society.

As a result of the individualized, skill-based curriculum, biology and society majors are eligible for a broad range of career options. Most graduates have chosen to pursue professional degrees in medicine, law, public health or public policy, or graduate study in biology, ethics, education or history and philosophy of science. Our graduates enter the workforce, whether in academia, industry, government or clinical practice, with a deep sensitivity to the complexity of biology in society and the skill to navigate that complexity throughout their careers.

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>Bioinformatics Scientist</td>
<td>8.0%</td>
<td>$76,690</td>
</tr>
<tr>
<td>Biological Sciences Professor ☠</td>
<td>15.2%</td>
<td>$78,240</td>
</tr>
<tr>
<td>Biological Scientist (General)</td>
<td>8.0%</td>
<td>$76,690</td>
</tr>
<tr>
<td>Biostatistician ☠</td>
<td>33.8%</td>
<td>$84,060</td>
</tr>
<tr>
<td>Clinical Trial Manager ☠</td>
<td>9.9%</td>
<td>$118,970</td>
</tr>
<tr>
<td>Community Health Worker ☠</td>
<td>18.1%</td>
<td>$38,370</td>
</tr>
<tr>
<td>Dentist ☠</td>
<td>19.4%</td>
<td>$151,440</td>
</tr>
<tr>
<td>Environmental Protection Specialist ☠</td>
<td>11.1%</td>
<td>$69,400</td>
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<tr>
<td>Epidemiologist</td>
<td>8.8%</td>
<td>$69,660</td>
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<tr>
<td>Family Physician ☠</td>
<td>14.3%</td>
<td>$198,740</td>
</tr>
<tr>
<td>Health Sciences Manager ☠</td>
<td>9.9%</td>
<td>$118,970</td>
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<tr>
<td>Health and Safety Technician ☠</td>
<td>10.1%</td>
<td>$49,960</td>
</tr>
<tr>
<td>Healthcare Professor ☠</td>
<td>25.9%</td>
<td>$97,870</td>
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<tr>
<td>High School Teacher</td>
<td>7.5%</td>
<td>$59,170</td>
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<tr>
<td>Laboratory Technologist ☠</td>
<td>11.5%</td>
<td>not available</td>
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<tr>
<td>Lawyer</td>
<td>8.2%</td>
<td>$119,250</td>
</tr>
<tr>
<td>Occupation</td>
<td>Growth Rate</td>
<td>Salary</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-------------</td>
<td>---------</td>
</tr>
<tr>
<td>Life Scientist</td>
<td>9.2%</td>
<td>$74,540</td>
</tr>
<tr>
<td>Medical Scientist</td>
<td>13.4%</td>
<td>$82,090</td>
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<tr>
<td>Medical and Health Services Manager</td>
<td>20.5%</td>
<td>$98,350</td>
</tr>
<tr>
<td>Molecular Biologist</td>
<td>8.0%</td>
<td>$76,690</td>
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<tr>
<td>Park Ranger</td>
<td>6.3%</td>
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<tr>
<td>Pharmacist</td>
<td>5.6%</td>
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<tr>
<td>Physical Therapist (PT)</td>
<td>28.0%</td>
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<td>Physician Assistant (PA)</td>
<td>37.3%</td>
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<tr>
<td>Surgeon</td>
<td>14.4%</td>
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<tr>
<td>Surgeon (General)</td>
<td>11.4%</td>
<td>#</td>
</tr>
<tr>
<td>Veterinarian (Vet)</td>
<td>18.8%</td>
<td>$90,420</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**

School of Life Sciences | LSA 189  
sols.advising@asu.edu | 480-727-6277