Neuroscience, BS

LABMENBS

Program Description

Neuroscience is concerned with understanding the structure and functioning of the nervous system and its relation to behavior. The field spans all levels of biological analysis with interfaces to many fields such as mathematics, law and engineering.

The BS degree program in neuroscience consists of rigorous, in-depth training in cellular, molecular, and systems biology. With this broad depth of fundamental knowledge, students will move into different areas of specialization in neuroscience. Students will be prepared for highly collaborative and interdisciplinary research and teaching positions in neuroscience. The training will also enable students to enter biomedical fields that prepare students for careers in medicine, nursing or veterinary medicine and to integrate developing outcomes from the research community into their practice.

At a Glance

- College/School: College of Liberal Arts and Sciences
- Location: Downtown Phoenix campus, Tempe campus

- Additional Program Fee: No
- Second Language Requirement: No
- First Required Math Course: MAT 251 - Calculus for Life Sciences
  or MAT 265 or MAT 270

- Math Intensity: Moderate

Required Courses (Major Map)

2017 - 2018 Major Map
Admission Requirements

General University Admission Requirements:

All students are required to meet general university admission requirements.
Freshman | Transfer | International | Readmission

Additional Requirements:

This program is currently available only as a concurrent degree to ASU students pursuing other majors.

Change of Major Requirements

This program is currently available only as a concurrent degree to ASU students pursuing other majors. For more information on how to add this major as a concurrent degree program, students should contact the department or their academic advisor.

Career Opportunities

The degree in neuroscience, especially when paired with complementary programs, prepares students for work in fields such as:

- academic research
- bioengineering
- biotechnology
- medical research
- medicine
- pharmaceutical development
- physical rehabilitation
- speech rehabilitation

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>Biological Sciences Professor</td>
<td>16.2%</td>
<td>$74,580</td>
</tr>
<tr>
<td>Biological Technician</td>
<td>5.2%</td>
<td>$41,290</td>
</tr>
<tr>
<td>Biomedical Engineer</td>
<td>23.1%</td>
<td>$86,950</td>
</tr>
<tr>
<td>Clinical Trial Manager</td>
<td>3.3%</td>
<td>$120,050</td>
</tr>
<tr>
<td>Health Sciences Manager</td>
<td>3.3%</td>
<td>$120,050</td>
</tr>
<tr>
<td>Healthcare Professor</td>
<td>19.0%</td>
<td>$90,210</td>
</tr>
<tr>
<td>Life Scientist</td>
<td>7.2%</td>
<td>$69,100</td>
</tr>
<tr>
<td>Molecular Biologist</td>
<td></td>
<td>$74,720</td>
</tr>
<tr>
<td>Pharmacist</td>
<td>3.1%</td>
<td>$120,950</td>
</tr>
<tr>
<td>Physical Rehabilitation Physician</td>
<td>14.9%</td>
<td>#</td>
</tr>
<tr>
<td>Surgeon (General)</td>
<td>14.9%</td>
<td>#</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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