Undergraduate Admissions: Biochemistry

**Biochemistry** is the study of chemistry involving living organisms. Degrees in Biochemistry involve training in organic, inorganic, and physical chemistry as well as in biology, genetics, and biochemistry. Elective coursework is also available to pursue interests in a variety of advanced topics involving the chemistry of biological systems.

**BA in Biochemistry**

The Bachelor of Arts degree is designed for students whose career interests require a strong background in Chemistry or Biochemistry, but are also interested in acquiring expertise in other disciplines. The coursework for this degree provides a broad training, and does not include extensive advanced laboratory training. The degree is appropriate for students interested in applying to professional programs in medicine, dentistry, pharmacy and other health allied fields.

See also: **Entrance Pathway Descriptions** and **Application Instructions**

<table>
<thead>
<tr>
<th>Entrance Pathway</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct</td>
<td>● One year of high-school chemistry. Students indicate interest using the UW admission process</td>
</tr>
<tr>
<td></td>
<td><strong>Honors</strong></td>
</tr>
<tr>
<td></td>
<td>● Chem 145 and 155 (10 credits) with a cumulative GPA of 3.0</td>
</tr>
<tr>
<td></td>
<td>● Math 124 and 125 or 134 and 135 (10 credits)</td>
</tr>
<tr>
<td></td>
<td><strong>Research</strong></td>
</tr>
<tr>
<td></td>
<td>● Chem 1/299 or higher (6 credits)</td>
</tr>
<tr>
<td></td>
<td>● Letter of recommendation from research advisor</td>
</tr>
<tr>
<td></td>
<td>*All courses require a grade &gt;= 1.7 to be counted towards the admission requirements.</td>
</tr>
<tr>
<td>Early</td>
<td>● Chem 142, 152, 162 or Chem 143, 153, or Chem 145, 155, 165</td>
</tr>
<tr>
<td></td>
<td>● Math 124, 125 or 134, 135 (10 credits)</td>
</tr>
<tr>
<td></td>
<td>● Biol 180 (5 credits)</td>
</tr>
</tbody>
</table>
|                  | *All courses require a grade >= 1.7 to be counted towards the admission requirements.
### Entrance Pathway | Prerequisites
--- | ---
#### Regular
- Chem 142, 152, 162 or Chem 143, 153, or Chem 145, 155, 165
- Chem 237, 238 or Chem 335, 336 (8 credits)
- Math 124, 125 or 134, 135 (10 credits)
- Biol 180, 200 (10 credits)

*All courses require a grade $\geq 1.7$ to be counted towards the admission requirements.

*Completion of the minimum requirements does not guarantee admission. All applicants have the right to petition and appeal the department's admission decision.*

With exception of Direct Admission, applications will be considered twice a year during Autumn and Spring quarters.

**For the Autumn cycle, applications are due on the second Friday in October.**
**For the Spring cycle, applications are due the second Friday in April.**

### BS in Biochemistry

The Bachelor of Science degree is designed for students interested in an in-depth preparation, including advanced lab work. This degree is an excellent preparation for students interested in pursuing Chemistry or Biochemistry as a career. It also serves as excellent preparation for students applying to professional programs in medicine, dentistry, pharmacy and other health allied fields.

See also: [Entrance Pathway Descriptions](#) and [Application Instructions](#)

<table>
<thead>
<tr>
<th>Entrance Pathway</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct</td>
<td>- One year of high-school chemistry. Students indicate interest using the UW admission process.</td>
</tr>
</tbody>
</table>
| [Honors](#) | - Chem 145 and 155 (10 credits) with a cumulative GPA of 3.0  
- Math 124 and 125 or 134 and 135 (10 credits) |
| Research/Honors | - Chem 1/299 or higher (6 credits)  
- Letter of recommendation from research advisor |

*All courses require a grade $\geq 2.0$ to be counted towards the admission requirements.*
<table>
<thead>
<tr>
<th>Entrance Pathway</th>
<th>Prerequisites</th>
</tr>
</thead>
</table>
| Early            | - Chem 142, 152, 162 or Chem 143, 153, or Chem 145, 155, 165  
|                  | - Math 124, 125 or 134, 135 (10 credits)  
|                  | - Biol 180 (5 credits)  
|                  | *All courses require a grade >= 2.0 to be counted towards the admission requirements. |
| Regular          | - Chem 142, 152, 162 or Chem 143, 153, or Chem 145, 155, 165  
|                  | - Chem 237, 238 or Chem 335, 336 (8 credits)  
|                  | - Math 124, 125 or 134, 135 (10 credits)  
|                  | - Biol 180, 200 (10 credits)  
|                  | *All courses require a grade >= 2.0 to be counted towards the admission requirements. |

Completion of the minimum requirements does not guarantee admission. All applicants have the right to petition and appeal the department's admission decision.

With exception of Direct Admission, applications will be considered twice a year during Autumn and Spring quarters.

For the Autumn cycle, applications are due on the second Friday in October.

For the Spring cycle, applications are due the second Friday in April.

Department of Chemistry  
University of Washington  
109 Bagley Hall  
Box 351700  
Seattle, WA 98195-1700  

Main Office: 206.543.1610  
chemdesk@uw.edu  

Advising: 206.616.9880  
advisers@chem.washington.edu

Source URL: https://chem.washington.edu/undergraduate-admissions-biochemistry