Undergraduate Admissions: Chemistry

Chemistry involves the understanding of the structure and reactivity of matter from atomic- and molecular-level perspective. Degrees in Chemistry involve training in analytical, inorganic, organic, and physical chemistry. Elective courses are also available allowing students to pursue interests in materials, biological, and other advanced areas of chemistry.

BA in Chemistry

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>
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<tbody>
<tr>
<td>Direct</td>
<td>● One year of high-school chemistry. Students indicate interest using the UW admission process</td>
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<td><strong>Honors</strong></td>
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<td>● Chem 145 and 155 (10 credits) with a cumulative GPA of 3.0</td>
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<td>● Math 124 and 125 or 134 and 135 (10 credits)</td>
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<td><strong>Research</strong></td>
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<td>● Chem 1/299 or higher (6 credits)</td>
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<td>● Letter of recommendation from research advisor</td>
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<td><em>All courses require a grade &gt;= 1.7 to be counted towards the admission requirements.</em></td>
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<tr>
<td>Early</td>
<td>● Chem 142, 152, 162 or Chem 143, 153, or Chem 145, 155, 165</td>
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<tr>
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<td>● Math 124, 125 or 134, 135 (10 credits)</td>
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<td>● Physics 121, 122 (10 credits) or 114, 115 (8 credits)</td>
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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)
- Physics 121, 122 (10 credits) or 114, 115 (8 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 Chemistry**

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

Entrance Pathway | Prerequisites
---|---
**Direct**

- One year of high-school chemistry. Students indicate interest using the UW admission process.

**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.*
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| Early            | - Chem 142, 152, 162 or Chem 143, 153, 165  
- Math 124, 125 or 134, 135 (10 credits)  
- Physics 121, 122 (10 credits) or 114, 115 (8 credits)  
*All courses require a grade >= 2.0 to be counted towards the admission requirements. |
| Regular          | - Chem 142, 152, 162 or Chem 143, 153, 165  
- Chem 237, 238 or Chem 335, 336 (8 credits)  
- Math 124, 125 or 134, 135 (10 credits)  
- Physics 121, 122 (10 credits) or 114, 115 (8 credits)  
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