Admission Requirements

Complete the following admission requirements

• Submit GRE General Test scores
• If English is not your native language, submit scores from both the Test of Spoken English and the Test of Written English, as well as TOEFL scores. Requests, including justification, for exceptions to this requirement should be made to the chair of the department.

Program Requirements

Minimum Requirements for Environmental Chemistry Ph.D.: 32 credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General University Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete the graduate general university requirements. (<a href="http://catalog.uaf.edu/phd/#gurphdtext">http://catalog.uaf.edu/phd/#gurphdtext</a>)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ph.D. Degree Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete the Ph.D. degree requirements. (<a href="http://catalog.uaf.edu/phd/#phdrequirementstext">http://catalog.uaf.edu/phd/#phdrequirementstext</a>)</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>As part of the Ph.D. requirements, complete the following:</td>
<td></td>
</tr>
<tr>
<td>CHEM F699</td>
<td>Thesis (18 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Environmental Chemistry Program Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete three of the following:</td>
<td>9</td>
</tr>
<tr>
<td>CHEM F606</td>
<td>Atmospheric Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM F609</td>
<td>Aqueous and Environmental Geochemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM F631</td>
<td>Environmental Fate and Transport</td>
<td></td>
</tr>
<tr>
<td>CHEM F655</td>
<td>Environmental Toxicology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Seminar Courses</td>
<td></td>
</tr>
<tr>
<td>CHEM F691</td>
<td>Research Presentation Techniques</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Complete approved electives</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>32</td>
</tr>
</tbody>
</table>

1 CHEM F691 is a single-credit course that must be completed twice to fulfill the program requirements.

2 Approved electives are specified by the student’s committee. The following tracks are defined as a guide. Within these tracks students will be expected to complete as part of the core and electives:

i. Atmospheric Chemistry: CHEM F601, CHEM F606, CHEM F609 and CHEM F631

ii. Aqueous/Environmental Geochemistry: CHEM F606 or CHEM F631; CHEM F609 and GEOS F618

iii. Environmental Toxicology and Contaminant Fate: CHEM F606 or CHEM F609, CHEM F631 and CHEM F655

A customized focus area may be developed based on an appropriate sequence of core and elective courses, subject to approval by the student’s advisory committee.

See Biochemistry and Neuroscience ([http://catalog.uaf.edu/academic-departments/chemistry-biochemistry/](http://catalog.uaf.edu/academic-departments/chemistry-biochemistry/)).

See Chemistry ([http://catalog.uaf.edu/academic-departments/chemistry-biochemistry/](http://catalog.uaf.edu/academic-departments/chemistry-biochemistry/)).