PH.D., ENVIRONMENTAL CHEMISTRY

• Complete the following admission requirements
  a. Submit GRE General Test scores
  b. 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.

Minimum Requirements for Degree: 32 credits

General University Requirements
Complete the general university requirements. (http://catalog.uaf.edu/graduate)

Ph.D. Degree Requirements
Complete the Ph.D. degree requirements. (http://catalog.uaf.edu/graduate/#phd)

Program Requirements
Select three from the following: 9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>CHEM F605</td>
<td>Aquatic Chemistry</td>
</tr>
<tr>
<td>CHEM F606</td>
<td>Atmospheric Chemistry</td>
</tr>
<tr>
<td>CHEM F631</td>
<td>Environmental Fate and Transport</td>
</tr>
<tr>
<td>CHEM F655</td>
<td>Environmental Toxicology</td>
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</tbody>
</table>

Seminar Courses
CHEM F691 Research Presentation Techniques 1
CHEM F692 Seminar 1

Complete approved electives 3-6
Complete a thesis 18

Total Credits 32-35

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 F605, CHEM F606 and CHEM F631
ii. Aqueous/Environmental Geochemistry: CHEM F605, CHEM F606 or CHEM F631, GEOS F618 and CHEM F609/GEOS F633.
iii. Environmental Toxicology and Contaminant Fate: CHEM F605 or CHEM F606, 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/graduate/graduate-degree-programs/biochemistry-neuroscience).

See Chemistry (http://catalog.uaf.edu/graduate/graduate-degree-programs/chemistry).