PH.D., BIOCHEMISTRY AND NEUROSCIENCE WITH BIOCHEMISTRY CONCENTRATION

- 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 (including core courses): 38 credits

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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| General University Requirements

Complete the general university requirements. ([http://catalog.uaf.edu/graduate/general-university-requirements-phd/](http://catalog.uaf.edu/graduate/general-university-requirements-phd/))

| Ph.D. Degree Requirements

Complete the Ph.D. degree requirements. ([http://catalog.uaf.edu/graduate/#phdtext](http://catalog.uaf.edu/graduate/#phdtext))

| Program Requirements

Complete three from the following: 9

- CHEM F654 Protein Structure and Function
- CHEM F657 Molecular Foundations of Gene Expression
- CHEM F670 Cellular and Molecular Neuroscience
- CHEM F674 Membrane Biochemistry and Biophysics
- CHEM F675 Cellular Signaling

Complete 9 credits of electives excluding thesis or project (CHEM F699 and F698). 9

Complete Ph.D. dissertation

Complete seminar series CHEM F688 at least twice. 2

- CHEM F688 Biochemical and Molecular Biology Seminar


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