

Biochemistry and Molecular Biology

College of Natural Science and Mathematics
Department of Chemistry and Biochemistry
(907) 474-5510
www.uaf.edu/chem/

M.S., Ph.D. Degrees

Minimum Requirements for Degrees: M.S.: 30 credits;
Ph.D.: 18 thesis credits

Biochemistry and molecular biology is an interdepartmental program administered by the Department of Chemistry and Biochemistry with research support through the Institute of Arctic Biology. A broad range of biomedical research experiences are available including molecular and cellular neuroscience, proteomics, protein structure-function and molecular toxicology. The arctic environment provides additional research opportunities in environmental biochemistry, adaptations, and molecular genetics. UAF faculty and affiliate faculty at collaborating institutions provide a rich academic environment encompassing both research and comprehensive course offerings. Students with career interests in biotechnology, pharmaceutical sciences, environmental health, genetics and biomedicine are encouraged to apply. Students are normally accepted with financial support (fellowships, research assistantships and/or teaching assistantships) along with tuition waivers.

Graduate Program—M.S. Degree

1. Complete the general university requirements (page 168).
2. Complete the master's degree requirements (page 172).
3. Complete a thesis.
4. Minimum credits required30

Graduate Program—Ph.D. Degree

1. Complete the general university requirements (page 168).
2. Complete the Ph.D. degree requirements (page 172).
3. Complete program courses12
4. Complete electives4
5. Minimum credits required18
See Chemistry.
See Environmental Chemistry.

Note: Page numbers refer to the UAF 2005-2006 academic catalog, which can be viewed online at www.uaf.edu/catalog/.