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).
4. Minimum credits required .......................................................30

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 courses. .....................................................12
4. Complete electives. ...............................................................4
5. Minimum credits required. ......................................................18
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/.