Environmental Chemistry

College of Science, Engineering and Mathematics
Department of Chemistry and Biochemistry
(907) 474-5510
www.uaf.edu/chem/
Degrees: B.S.*, M.S., Ph.D.

*See chemistry program for B.S. degree requirements.
Minimum Requirements for Degrees: M.S.: 30 credits; Ph.D.: 18 thesis credits

Alaska is a great laboratory for environmental chemistry. The environment in the Arctic is continuing to change and impacts of global systems are first felt in Alaska. Our understanding of the underlying mechanisms of the transport of contaminants is far from complete, and solutions to this and other fascinating environmental problems beckon researchers to the Arctic.

The environmental chemistry program emphasizes an understanding of the chemical principles involved in natural processes. The program provides academic and research experience for graduate students who are interested in careers in growing scientific discipline. The program utilizes faculty from many UAF departments and research institutes.

The environmental chemistry program may be especially attractive to students interested in working with policy makers. Environmental problems currently under study include the transport of gases such as NO_2 and O_3 related to arctic haze, indoor air pollution, health effect biomarkers, and understanding the sources of particulate matter.

GRADUATE PROGRAM

Environmental Chemistry—M.S. Degree

1. Complete the general university requirements (page 43).
2. Complete the master's degree requirements (page 46).
3. Complete a thesis.
4. Minimum credits required 30

Environmental Chemistry—Ph.D. Degree

1. Complete the general university requirements (page 43).
2 Complete the Ph.D. degree requirements (page 48).
3. Complete program courses.
4. Complete 4 electives.
5. Minimum credits required 18

See Biochemistry and Molecular Biology.
See Chemistry.