

NATURAL SCIENCES

Education in mathematics and sciences provides students with the scientific and analytical methods of thinking and means of exploration to understand the world in which we live. Course work provides students with a thorough grounding in the natural sciences and mathematics. The goal of the natural sciences programs is to educate citizens to make rational, evidence-based decisions in today's society. Students not seeking a degree in mathematics and the natural sciences are offered a variety of general-interest courses, including courses that fulfill elective and general education requirements. Course work in mathematics and natural science also supports allied health programs and other transfer programs. Courses in mathematics and natural sciences are listed under the following catalog headings: astronomy, biology, chemistry, geology, environmental sciences, mathematics, oceanography, physics and statistics.

Associate of Science (J, K, T, D) (<http://catalog.uas.alaska.edu/certificate-degree-programs/associate-degrees/associate-science-as/>)

Bachelor of Arts

- Biology (<http://catalog.uas.alaska.edu/certificate-degree-programs/bachelors-degrees/biology-ba/>) (J)

Bachelor of Science

- Biology (<http://catalog.uas.alaska.edu/certificate-degree-programs/bachelors-degrees/biology-bs/>) (J)
- Environmental Resources (<http://catalog.uas.alaska.edu/certificate-degree-programs/bachelors-degrees/geography-environmental-resources-bs/>) (J)
- Environmental Science (<http://catalog.uas.alaska.edu/certificate-degree-programs/bachelors-degrees/environmental-science-bs/>) (J)
- Fisheries and Ocean Sciences with a Concentration in Fisheries Science (<http://catalog.uas.alaska.edu/certificate-degree-programs/bachelors-degrees/fisheries-bs/>) (J)
- Marine Biology (<http://catalog.uas.alaska.edu/certificate-degree-programs/bachelors-degrees/marine-biology-bs/>) (J)
- Mathematics (<http://catalog.uas.alaska.edu/certificate-degree-programs/bachelors-degrees/mathematics-bs/>) (J)

Minors

- Biology (<http://catalog.uas.alaska.edu/certificate-degree-programs/undergraduate-minor-options/biology-minor/>)
- Chemistry (<http://catalog.uas.alaska.edu/certificate-degree-programs/undergraduate-minor-options/chemistry-minor/>)
- Environmental Science (<http://catalog.uas.alaska.edu/certificate-degree-programs/undergraduate-minor-options/environmental-science-minor/>)

- Mathematical Sciences (<http://catalog.uas.alaska.edu/certificate-degree-programs/undergraduate-minor-options/mathematics-minor/>)

Campus Key

J=Juneau

K=Ketchikan

S=Sitka

D=Distance Learning/e-Learning

Interim Dean

Alison Staudinger

Faculty

Jason M. Amundson

Professor of Geophysics
Juneau

Valerie Barber

Adjunct Faculty of Chemistry
Sitka

Brian Barth

Assistant Professor of Chemistry
Juneau

Megan Behnke

Assistant Professor of Chemistry
Juneau

Carolyn A. Bergstrom

Professor of Marine Biology
Juneau

Brian Blitz

Professor of Mathematics
Juneau

Megan Buzby

Professor of Mathematics
Juneau

Marnie Chapman

Professor of Biology
Sitka

Cathy L. Connor

Professor of Geology, Emerita
Juneau

Jill Dumesnil

Professor of Mathematics
Juneau

Jason Fellman

Acting Director of Alaska Coastal Rainforest Center
Term Research Associate Professor of Environmental Science
Juneau

John Harley

Term Research Associate Professor of Environmental Science

Juneau

Juneau

Christopher Hay-Jahans

Professor of Mathematics
Juneau

Eran Hood

Natural Sciences Department Chair
Professor of Environmental Science
Juneau

Colleen Ianuzzi

Professor of Mathematics
Ketchikan

Charmaine Lewis

Assistant Professor of Science
Ketchikan

Joe Liddle

Professor of Mathematics
Sitka

Jon Martin

Assistant Professor of Biology
Sitka

Sonia Nagorski

Associate Professor of Geology
Juneau

Michael Navarro

Associate Professor of Marine Fisheries
Juneau

Heidi Pearson

Professor of Marine Biology
Juneau

Andrzej Piotrowski

Professor of Mathematics
Juneau

Sanjay Pyare

Professor of Environmental Science
Juneau

Julie Schram

Assistant Professor of Animal Physiology
Juneau

Michael Stekoll

Professor of Chemistry and Biochemistry, Emeritus
Juneau

Jan Straley

Professor of Marine Biology, Emerita
Sitka

David Tallmon

Professor of Biology
Juneau

Sherry Tamone

Professor of Biology, Emerita