**Natural Sciences (BS)**

**DISCOVER YOUR OPPORTUNITIES**

The Natural Sciences curriculum emphasizes the interrelationships among the sciences and is designed with the flexibility to meet the admission requirements of professional schools in medicine, dentistry, and veterinary medicine or to provide a means for health science practitioners to obtain a stronger background in both the biological and the chemical sciences.

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**Educational Pathway Options**

<table>
<thead>
<tr>
<th>Recommended Preparation</th>
<th>Associate of Arts (AA)</th>
<th>Bachelor of Science (BS)</th>
<th>Master of Science (MS)</th>
<th>Doctoral Degree (PhD)</th>
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<tbody>
<tr>
<td><strong>High School</strong></td>
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<tr>
<td>Mathematics (BA: 3 years, BS: 4 years) with emphasis in:</td>
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<td>Natural Sciences</td>
<td>Biological Sciences</td>
<td>Biological Sciences</td>
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<tr>
<td>- Algebra 1 &amp; 2</td>
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<td>- Biology</td>
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<td>* Offered in collaboration with UAF</td>
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<tr>
<td>- Trigonometry</td>
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<td>- Chemistry</td>
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<tr>
<td>- Geometry</td>
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<td>- Geology</td>
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<tr>
<td>Natural Science (BA: 2-3 years, BS: 3-4 years) with emphasis in:</td>
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<td>- Physics</td>
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<tr>
<td>- Biology</td>
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<td>- Chemistry</td>
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<td>- Physics</td>
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<td>- Geology</td>
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<td>- Earth Science</td>
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<td><strong>2-3 Years</strong></td>
<td>The General Program may fulfill the first two years of some baccalaureate degrees with appropriate course and placement choices.</td>
<td>4-5 Years</td>
<td>2-4 Years</td>
<td>4-7 Years</td>
</tr>
</tbody>
</table>

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**CAREER CONNECTIONS**
- Education & Training
- Law, Government, & Public Safety
- Science, Mathematics, Engineering, & Research
- Natural Resources & Environmental Sciences
APPLICATION PROCESS

ENROLLMENT SERVICES
➊ Apply for admission at www.uaa.alaska.edu/admissions.
➋ Review admission requirements for your student type.
➌ Submit required documents to UAA Enrollment Services.
➍ Take the SAT, ACT, or Accuplacer test for English and math course placement. Call the UAA Advising & Testing Center at 907.786.4500 for testing information.
➎ Make an appointment for academic advising at 907.786.1357 or 907.786.1356 and meet regularly with an advisor.
➏ Access the Future Student Checklist online at http://www.uaa.alaska.edu/prospective/checklist.cfm to stay on track.

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PROGRAM HIGHLIGHTS

• Flexible class choices
• Students define their study program
• Degrees meet requirements for careers in secondary school science education
• Degree tracks focus on student interests and professional goals

Opportunities to:
• Conduct research through the Environment and Natural Sciences Resources Institute (ENRI)
• Participate in summer and undergraduate-specific research
• Pursue interdisciplinary research

NATURAL SCIENCES (BS)

Natural Sciences is associated with the Biological Sciences Department in the Division of Mathematical and Natural Sciences.

Students are strongly recommended to consult with an advisor prior to course selection. Please check with a College of Arts and Sciences advisor before you contact a faculty advisor in the Biological Sciences Department.

COMPLETE GENERAL UNIVERSITY REQUIREMENTS

COMPLETE GENERAL EDUCATION REQUIREMENTS (36 credits)
The GERs provide a breadth of exposure to traditional academic disciplines and help students to understand and respond to evolving local and international issues. Examples of courses include: oral and written communication, humanities, mathematics, natural sciences, fine arts, and social sciences.

COMPLETE COLLEGE OF ARTS AND SCIENCES COURSE REQUIREMENTS

Bachelor of Science (24-28 credits)
A degree designed to equip students with technical competencies needed in scientific disciplines. Examples of courses include: mathematics, statistics, languages, computer programming, chemistry, and biology.

COMPLETE MAJOR COURSE REQUIREMENTS (74 credits)

Sample of courses available in Natural Sciences:
• Anthropology
• Astronomy
• Biology
• Chemistry
• Computer Science
• Economics
• Environmental Studies
• Geography
• Geomatics
• Geology
• GIS
• Health Sciences
• Mathematics
• Physics
• Psychology
• Statistics

For a complete list of available courses, see the UAA catalog.

Some courses may be used to satisfy more than one requirement in a degree program.

A total of 120 credits will be required to graduate, 42 of which must be at the upper division (300 or 400) level.

The programs within the University Honors College may satisfy some of the degree requirements while providing challenging opportunities to excel. To find out more, go to www.uaa.alaska.edu/honors or call 907.786.1086.

COLLEGE OF ARTS AND SCIENCES: 907.786.1761
CAS ADVISOR: 907.786.1357 or 907.786.1356
WEBSITE: cas.uaa.alaska.edu
EMAIL: casadvise@uaa.alaska.edu
NATURAL SCIENCES: 907.786.4770, biology.uaa.alaska.edu

UAA ENROLLMENT SERVICES: 907.786.1480
ADDRESS: P.O. Box 141629, Anchorage, AK 99514-1629

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