GENERAL EDUCATION REQUIREMENTS

General education requirements must be completed by all students. In addition to the general education requirements each degree program (e.g., B.A., B.B.A.) may have specific required courses.

**Bachelor of Applied Arts and Sciences**

BACHELOR OF APPLIED ARTS AND SCIENCES

The B.A.A.S. degree program offers qualified applicants the opportunity to expand upon their vocational or technical education. An A.A.S. degree from an accredited institution of higher education, or equivalent, is one of the degree program requirements. See the Applied Arts and Sciences in the bachelor's degree program section.

<table>
<thead>
<tr>
<th>Requirement Type</th>
<th>General Education Requirements</th>
<th>Degree Specific Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>Complete the following: COJO F121X, COJO F131X or COJO F141X; WRTG F111X; and WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.</td>
<td></td>
</tr>
<tr>
<td>Library and Information Research</td>
<td>LS F101X or successful completion of library skills competency test</td>
<td></td>
</tr>
</tbody>
</table>
Summary of Bachelor’s Degree Requirements

Social Sciences
Complete two courses from the following in two different disciplines:
- ACCT F261X
- ANS F111X
- ANS F242X
- ANTH F100X
- ANTH F101X
- ANTH F111X
- ANTH F211X
- BA F151X, BA F254X
- BA F281X/SPRT F281X
- ECE F104X, ECE F107X
- ECE F210X
- ECON F101X
- ECON F102X
- ECON F111X
- ECON F120X
- ECON F235X
- GEOG F101X
- HIST F100X
- HIST F102X
- HIST F122X
- HIST F132X
- HUMS F125X/
  - JUST F125X
  - JUST F110X
- JUST F251X, PS F100X
- PS F101X, PS F201X
- PS F221X, PSY F101X
- RD F200X, SWK F103X
- SOC F101X
- SOC F201X
- WGS F201X
No additional social sciences unless required by major or minor

Other
One additional Arts, Humanities or Social Sciences from the lists above.

Ethics
Complete one from the following:
- BA F323X, COJO F300X
- JUST F300X
- NRM F303X
- PHIL F322X, PS F300X
ENGL F314

Mathematics
Complete one from the following:
- MATH F113X
- MATH F114X
- MATH F122X
- MATH F151X
- MATH F152X
- MATH F156X
- MATH F230X
- MATH F251X
- MATH F252X
- MATH F253X
- STAT F200X or any math course having one of these as a prerequisite
One course at the F100 level or above from math, computer sciences, statistics or an approved discipline-based course that was used to meet an A.A.S. computation requirement.
Approved courses include ABUS F155, MATH F105, ECE F117, HLTH F116, HUMS F117, TITCH F131 or any course with embedded computation content approved by the interdisciplinary program.

Natural Sciences
Complete two from the following:
- ATM F101X
- BIOL F100X
- BIOL F103X
- BIOL F104X
- BIOL F111X
- BIOL F112X
- BIOL F115X
- BIOL F116X
- BIOL F120X
- CHEM F100X
- CHEM F103X
- CHEM F104X
- CHEM F105X
- CHEM F106X
- CHEM F111X
- GEOG F111X
- GEOS F101X
- GEOS F106X
- GEOS F112X
- GEOS F120X
- MSL F111X
- PHYS F102X
- PHYS F115X
- PHYS F123X
- PHYS F124X
- PHYS F165X
- PHYS F211X
- PHYS F212X
- PHYS F213X
No additional natural science unless required by the major

Alaska Native-themed
During the completion of coursework, 3 credits of Alaska Native-themed course(s) must be completed. See Alaska Native-themed courses chart for available courses.
| Major Complex | Minimum of 30 credits of interdisciplinary studies and an Associate of Applied Science degree |
| Minor Complex | Optional at least 15 cr |
| Total Required | 38-44 cr 120 cr |

1 For a summary of the Alaska Native-themed courses see the Alaska Native-themed requirements (http://catalog.uaf.edu/bachelors/alaska-native-themed/) chart.

Note: You must earn a C- grade or higher in all courses required for your degree unless otherwise specified by your major (major, minor, general education requirements and degree requirements).

**Bachelor of Applied Management**

**BACHELOR OF APPLIED MANAGEMENT**

<table>
<thead>
<tr>
<th>Requirement Type</th>
<th>General Education Requirements</th>
<th>Degree Specific Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>Complete the following: COJO F121X, COJO F131X or COJO F141X; WRTG F111X; and WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.</td>
<td></td>
</tr>
<tr>
<td>Library and Information Research</td>
<td>LS F101X or successful completion of library skills competency test</td>
<td></td>
</tr>
</tbody>
</table>
### Summary of Bachelor's Degree Requirements

#### Social Sciences
Complete two courses from the following in two different disciplines:
- ACCT F261X
- ANS F111X
- ANS F242X
- ANTH F100X
- ANTH F101X
- ANTH F111X
- ANTH F211X
- BA F151X, BA F254X,
- BA F281X/SPRT F281X,
- ECE F104X, ECE F107X,
- ECE F210X,
- ECON F101X,
- ECON F102X,
- ECON F111X,
- ECON F120X,
- GEOG F101X,
- HIST F100X,
- HIST F102X,
- HIST F122X,
- HIST F132X,
- HUMS F125X/
- JUST F125X,
- JUST F110X,
- JUST F251X, PS F100X,
- PS F101X, PS F201X,
- PS F221X, PSY F101X,
- RD F200X, SWK F103X,
- SOC F101X,
- SOC F201X,
- WGS F201X

#### Other
One additional Arts, Humanities or Social Sciences from the lists above.

#### Natural Sciences
Complete two from the following:
- ATM F101X,
- BIOL F100X,
- BIOL F103X,
- BIOL F104X,
- BIOL F111X,
- BIOL F112X,
- BIOL F115X,
- BIOL F116X,
- BIOL F120X,
- CHEM F100X,
- CHEM F103X,
- CHEM F104X,
- CHEM F105X,
- CHEM F106X,
- CHEM F111X,
- GEOG F111X,
- GEOS F101X,
- GEOS F106X,
- GEOS F112X,
- GEOS F120X,
- MSL F111X,
- PHYS F102X,
- PHYS F115X,
- PHYS F123X,
- PHYS F124X,
- PHYS F165X,
- PHYS F211X,
- PHYS F212X,
- PHYS F213X

#### Ethics
- BA F323X

#### Mathematics
- MATH F122X

### Alaska Native-themed
During the completion of coursework, 3 credits of Alaska Native-themed course(s) must be completed. See Alaska Native-themed courses chart for available courses.¹

### Major Complex
At least 33 cr

### Minor Complex
Optional: at least 15 cr

### Total Required
120 cr

¹ For a summary of the Alaska Native-themed courses see the Alaska Native-themed requirements (http://catalog.uaf.edu/bachelors/alaska-native-themed/) chart.

### Notes:
- You must earn a C- grade or higher in all courses required for your degree unless otherwise specified by your major (major, minor, general education requirements and degree requirements).
- Courses beyond 30 credits in a major complex may be used to fulfill the B.A.M. degree requirements in ethics.
<table>
<thead>
<tr>
<th>Requirement Type</th>
<th>General Education Requirements</th>
<th>Degree Specific Requirements</th>
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<tbody>
<tr>
<td>Communication</td>
<td>Complete the following: COJO F121X, COJO F131X or COJO F141X; WRTG F111X; and WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.</td>
<td></td>
</tr>
<tr>
<td>Library and Information Research</td>
<td>LS F101X or successful completion of library skills competency test</td>
<td></td>
</tr>
</tbody>
</table>

| Humanities | Complete one from the following: ANL F141X, ANL F142X, ANL F251X, ANL F255X, ASLG F101X, ASLG F202X, CHNS F101X, CHNS F102X, COJO F101X, COJO F102X, ENGL F200X/FL F200X, ENGL F201X, ENGL F270X, FREN F101X, FREN F102X, GER F101X, GER F102X, INU F111X, INU F112X, JPN F101X, JPN F102X, LAT F101X, LAT F102X, LING F101X, LING F216X, PHIL F102X, PHIL F104X, RELG F221X, RUSS F101X, RUSS F102X, SPAN F101X, SPAN F102X, YUP F101X, YUP F102X | Humanities and social sciences (18 credits): Any combination of courses at the F100 level or above with a minimum of 6 credits in humanities and 6 credits in social sciences or up to 12 credits of a non-English language taken at the university level and at least 6 credits of social sciences |
Social Sciences

Complete two courses from the following in two different disciplines:
ACCT F261X,
ANS F111X,
ANS F242X,
ANTH F100X,
ANTH F101X,
ANTH F111X,
ANTH F211X,
BA F151X, BA F254X,
BA F281X/SPRT F281X,
ECE F104X, ECE F107X,
ECE F210X,
ECON F101X,
ECON F102X,
ECON F111X,
ECON F120X,
ECON F235X,
GEOG F101X,
HIST F100X,
HIST F102X,
HIST F122X,
HIST F132X,
HUMS F125X/
JUST F125X,
JUST F110X,
JUST F251X, PS F100X,
PS F101X, PS F201X,
PS F221X, PSY F101X,
RD F200X, SWK F103X,
SOC F101X,
SOC F201X,
WGS F201X

Ethics

Complete one from the following:
BA F323X, COJO F300X,
JUST F300X,
NRM F303X,
PHIL F322X, PS F300X

Mathematics

Complete one from the following:
MATH F113X,
MATH F114X,
MATH F122X,
MATH F151X,
MATH F152X,
MATH F156X,
MATH F230X,
MATH F251X,
MATH F252X,
MATH F253X or
STAT F200X or any
math course having
one of these as a
prerequisite

Natural Sciences

Complete two from the following:
ATM F101X,
BIOL F100X,
BIOL F103X,
BIOL F104X,
BIOL F111X,
BIOL F112X,
BIOL F115X,
BIOL F116X,
BIOL F120X,
CHEM F100X,
CHEM F103X,
CHEM F104X,
CHEM F105X,
CHEM F106X,
CHEM F111X,
CHEM F111X,
GEOS F101X,
GEOS F106X,
GEOS F112X,
GEOS F120X,
MSL F111X,
PHYS F102X,
PHYS F115X,
PHYS F123X,
PHYS F124X,
PHYS F165X,
PHYS F211X,
PHYS F212X,
PHYS F213X

No additional natural science unless required by the major or minor

Other

One additional Arts, Humanities or Social Sciences from the lists above.

Alaska Native-themed

Complete one from the following:
BA F301X, COJO F300X,
JUST F300X,
NRM F303X,
PHIL F322X, PS F300X

During the completion of coursework, 3 credits of Alaska Native-themed course(s) must be completed. See Alaska Native-themed courses chart for available courses.¹

Major Complex

At least 30 cr

Minor Complex

Required: at least 15 cr

Total Required

38-44 cr

¹ For a summary of the Alaska Native-themed courses see the Alaska Native-themed requirements (http://catalog.uaf.edu/bachelors/alaska-native-themed/) chart.

Notes:

You must earn a C- grade or higher in all courses required for your degree unless otherwise specified by your major (major, minor, general education requirements and degree requirements).

Department requirements for majors and minors may exceed the minimums indicated.

Of the above, at least 39 credits must be taken in upper-division (300-level or higher) courses. Courses beyond 30 credits in a major complex and 15 credits in a minor complex may be used to fulfill the B.A. degree
requirements in ethics, humanities, mathematics or social sciences. Courses used to fulfill requirements for a minor may be used at the same time to fill major or general distribution requirements if so designated.

Students who hold a bachelor's degree from a regionally accredited institution are not required to complete the minor complex.

- **Minors**
  Minors are offered in many subject areas. Requirements for minors are listed in the degree program sections. See a list of all bachelor's degree programs, including minors, here [http://catalog.uaf.edu/programs/](http://catalog.uaf.edu/programs/).

  An Associate of Applied Science (A.A.S.) degree or certificate of at least 30 credits earned at any regionally accredited college or university may be used to meet requirements for a minor for the Bachelor of Arts (B.A.) degree. Students who hold a bachelor's degree from a regionally accredited institution are not required to complete the minor complex.

- **Double majors**
  If you're a Bachelor of Arts degree candidate, you may complete two majors rather than a major and a minor. Your majors must be selected from those approved for the Bachelor of Arts degree. You'll need to complete all general requirements plus all requirements for both majors. If you're completing a double major, you need to officially declare both majors either when you’re admitted or through the change of major procedure. You’ll need to follow the degree requirements in a single catalog for both majors.

### Bachelor of Business Administration

**BACHELOR OF BUSINESS ADMINISTRATION**

<table>
<thead>
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<th>Requirement Type</th>
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<tbody>
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<td><strong>Communication</strong></td>
<td>Complete the following: COJO F121X, COJO F131X or COJO F141X; WRTG F111X; and WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.</td>
<td></td>
</tr>
<tr>
<td><strong>Library and Information Research</strong></td>
<td>LS F101X or successful completion of library skills competency test</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>Complete one additional Arts, Humanities or Social Sciences from the lists above.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete the following: ACCT F261X; ACCT F262; AIS F101; AIS F324; AIS F342; BA F308; BA F309 or BA F310; BA F325; BA F330; BA F343; BA F360; BA F390 or BA F391; BA F462; ECON F101X; ECON F102X; ECON F227; HSEM F415; HSEM F416; HSEM F417 or HSEM F418; HSEM F445; and choose an additional ECON course at any level.</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>MATH F122X</td>
<td></td>
</tr>
<tr>
<td>Ethics</td>
<td>BA F323X</td>
<td></td>
</tr>
</tbody>
</table>


**Alaska Native-themed** Complete the following: ACCT F261X; ACCT F262; AIS F101; AIS F324; AIS F342; BA F308; BA F309 or BA F310; BA F325; BA F330; BA F343; BA F360; BA F390 or BA F391; BA F462; ECON F101X; ECON F102X; ECON F227; HSEM F415; HSEM F416; HSEM F417 or HSEM F418; HSEM F445; and choose an additional ECON course at any level.

**Notes:**

All majors must earn a C- grade or higher in the general education, degree, department and major-specific, minor and specific math and statistics requirements.

Department requirements for majors and minors may exceed the minimums indicated.

Of the above, at least 39 credits must be taken in upper-division (300-level or higher) courses.

Courses beyond 30 credits in a major complex may be used to fulfill the B.B.A. degree requirements in ethics.

For a summary of the Alaska Native-themed courses see the Alaska Native-themed requirements chart.

1 For a summary of the Alaska Native-themed courses see the Alaska Native-themed requirements (http://catalog.uaf.edu/bachelors/alaska-native-themed/) chart.
Bachelor of Fine Arts
BACHELOR OF FINE ARTS

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<tbody>
<tr>
<td>Communication</td>
<td>Complete the following: COJO F121X, COJO F131X or COJO F141X; WRTG F111X; and WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.</td>
<td></td>
</tr>
<tr>
<td>Library and Information Research</td>
<td>LS F101X or successful completion of library skills competency test</td>
<td></td>
</tr>
<tr>
<td><strong>Ethics</strong></td>
<td>Complete one from the following: BA F323X, COJO F300X, JUST F300X, PS F300X, PHIL F322X, PS F300X</td>
<td></td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>Complete one from the following: MATH F113X, MATH F114X, MATH F122X, MATH F151X, MATH F152X, MATH F156X, MATH F230X, MATH F251X, MATH F252X, MATH F253X, or STAT F200X or any math course having one of these as a prerequisite</td>
<td></td>
</tr>
<tr>
<td><strong>Alaska Native-themed</strong></td>
<td>During the completion of coursework, 3 credits of Alaska Native-themed course(s) must be completed. See Alaska Native-themed courses chart for available courses.¹</td>
<td></td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>One additional Arts, Humanities or Social Sciences from the lists above.</td>
<td></td>
</tr>
</tbody>
</table>

### Notes:

- You must earn a C- grade or higher in all courses required for your degree unless otherwise specified by your major (major, minor, general education requirements and degree requirements).
- Department requirements for majors and minors may exceed the minimums indicated.
- Of the above, at least 39 credits must be taken in upper-division (300-level or higher) courses. Courses beyond 30 credits in a major complex and 15 credits in a minor complex may be used to fulfill the B.A. degree.

¹ For a summary of the Alaska Native-themed courses see the Alaska Native-themed requirements (http://catalog.uaf.edu/bachelors/alaska-native-themed/) chart.
requirements in ethics, humanities, mathematics or social sciences. Courses used to fulfill requirements for a minor may be used at the same time to fill major or general distribution requirements if so designated.

Students who hold a bachelor’s degree from a regionally accredited institution are not required to complete the minor complex.

- **Minors**
  Minors are offered in many subject areas. Requirements for minors are listed in the degree program sections. See a list of all bachelor’s degree programs, including minors, here (http://catalog.uaf.edu/programs/).

  An Associate of Applied Science (A.A.S.) degree or certificate of at least 30 credits earned at any regionally accredited college or university may be used to meet requirements for a minor for the Bachelor of Arts (B.A.) degree. Students who hold a bachelor’s degree from a regionally accredited institution are not required to complete the minor complex.

- **Double majors**
  If you’re a Bachelor of Arts degree candidate, you may complete two majors rather than a major and a minor. Your majors must be selected from those approved for the Bachelor of Arts degree. You’ll need to complete all general requirements plus all requirements for both majors. If you’re completing a double major, you need to officially declare both majors either when you’re admitted or through the change of major procedure. You’ll need to follow the degree requirements in a single catalog for both majors.

### Bachelor of Music

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<tbody>
<tr>
<td><strong>Communication</strong></td>
<td>Complete the following: COJO F121X, COJO F131X or COJO F141X; WRTG F111X; and WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.</td>
<td></td>
</tr>
<tr>
<td><strong>Library and Information Research</strong></td>
<td>LS F101X or successful completion of library skills competency test</td>
<td></td>
</tr>
</tbody>
</table>
### Social Sciences

Complete two courses from the following in two different disciplines:

- ACCT F261X
- ANS F111X
- ANS F242X
- ANTH F100X
- ANTH F101X
- ANTH F111X
- ANTH F211X
- BA F151X, BA F254X
- BA F281X/SPRT F281X
- ECE F104X, ECE F107X
- ECE F210X
- ECON F101X
- ECON F102X
- ECON F111X
- ECON F120X
- ECON F235X
- GEOG F101X
- HIST F100X
- HIST F102X
- HIST F122X
- HIST F132X
- HUMS F125X/
- JUST F125X
- JUST F110X
- JUST F251X, PS F100X,
- PS F101X, PS F201X,
- PS F221X, PSY F101X,
- RD F200X, SWK F103X,
- SOC F101X,
- SOC F201X,
- WGS F201X

No additional social sciences unless required by the major.

### Other

One additional Arts, Humanities or Social Sciences from the lists above.

### Ethics

Complete one from the following:

- BA F323X
- COJO F300X
- JUST F300X
- NRM F303X
- PHIL F322X
- PS F300X

### Natural Sciences

Complete two from the following: ATM F101X,

- BIOL F100X
- BIOL F103X
- BIOL F104X
- BIOL F111X
- BIOL F112X
- BIOL F115X
- BIOL F116X
- BIOL F120X
- CHEM F100X
- CHEM F103X
- CHEM F104X
- CHEM F105X
- CHEM F106X
- CHEM F111X
- GEOG F111X
- GEOF 101X
- GEOF 106X
- GEOF 112X
- GEOF 120X
- MSL F111X
- PHYS F102X
- PHYS F115X
- PHYS F123X
- PHYS F124X
- PHYS F165X
- PHYS F211X
- PHYS F212X
- PHYS F213X

No additional natural science required.

### Mathematics

Complete one from the following:

- MATH F113X
- MATH F114X
- MATH F122X
- MATH F151X
- MATH F152X
- MATH F156X
- MATH F230X
- MATH F251X
- MATH F252X
- MATH F253X
- STAT F200X or any math course having one of these as a prerequisite

### Alaska Native-themed

During the completion of coursework, 3 credits of Alaska Native-themed course(s) must be completed. See Alaska Native-themed courses chart for available courses.¹

### Major Complex

85 or more cr

### Minor Complex

Optional: at least 15 cr

### Total Required

38-44 cr

120 cr

¹ For a summary of the Alaska Native-themed courses see the Alaska Native-themed requirements (http://catalog.uaf.edu/bachelors/alaska-native-themed/) chart.

### Notes:

You must earn a C- grade or higher in all courses required for your degree unless otherwise specified by your major (major, minor, general education requirements and degree requirements).

Department requirements for majors and minors may exceed the minimums indicated.
## Bachelor of Science

**BACHELOR OF SCIENCE**

<table>
<thead>
<tr>
<th>Requirement Type</th>
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<th>Degree Specific Requirements</th>
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<tbody>
<tr>
<td><strong>Communication</strong></td>
<td>Complete the following: COJO F121X, COJO F131X or COJO F141X; WRTG F111X; and WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.</td>
<td></td>
</tr>
</tbody>
</table>

| Library and Information Research | LS F101X or successful completion of library skills competency test |


| No additional humanities unless required by major or minor |  |
| Natural Sciences | Complete two from the following: ATM F101X, BIOL F100X, BIOL F103X, BIOL F104X, BIOL F111X, BIOL F112X, BIOL F115X, BIOL F116X, BIOL F120X, CHEM F100X, CHEM F103X, CHEM F104X, CHEM F105X, CHEM F106X, CHEM F111X, CHEM F112X, CHEM F113X, CHEM F115X, CHEM F116X, GEOG F111X, GEOS F101X, GEOS F106X, GEOS F112X, GEOS F120X, MSL F111X, PHYS F102X, PHYS F115X, PHYS F123X, PHYS F124X, PHYS F165X, PHYS F211X, PHYS F212X, PHYS F213X | One-year sequence in one natural science beyond the general education requirements −8 cr (Total natural science courses used to meet general education requirements and B.S. requirements must represent at least two different natural sciences.) |
| Other | One additional Arts, Humanities or Social Sciences from the lists above. | | |
| Ethics | Complete one from the following: BA F323X, COJO F300X, JUST F300X, NRM F303X, PHIL F322X, PS F300X | | |
| Mathematics | Complete one from the following: MATH F113X, MATH F114X, MATH F122X, MATH F151X, MATH F152X, MATH F156X, MATH F230X, MATH F251X, MATH F252X, MATH F253X, or STAT F200X or any math course having one of these as a prerequisite | One 3-credit course at the F100 level or above from computer sciences or statistics, or math course from MATH F113X or above. A 3-credit calculus course must be included in general education requirements or B.S. requirements |
| Alaska Native-themed | | During the completion of coursework, 3 credits of Alaska Native-themed course(s) must be completed. See Alaska Native-themed courses chart for available courses.¹ |
| Major Complex | At least 30 cr | | |
| Minor Complex | Optional: at least 15 cr | | |
| Total Required | 38-44 cr | 120 cr* |

¹ For a summary of the Alaska Native-themed courses see the Alaska Native-themed requirements (http://catalog.uaf.edu/bachelors/alaska-native-themed/) chart.

Notes:

You must earn a C- grade or higher in all courses required for your degree unless otherwise specified by your major (major, minor, general education requirements and degree requirements).

* Department requirements for majors and minors may exceed the minimums indicated, and most B.S. degree programs require 130 credits.

Of the above, at least 39 credits must be taken in upper-division (300-level or higher) courses. Courses beyond 30 credits in a major complex and 15 credits in a minor complex may be used to fulfill the B.S. degree requirements in ethics, mathematics or natural science. Courses used to fulfill requirements for a minor may be used at the same time to fill major or general distribution requirements if so designated.
• **Double Majors**
As a Bachelor of Science degree candidate, you may complete a double major instead of a single major. Your majors must be selected from those approved for the Bachelor of Science degree. You'll need to complete all general requirements plus all requirements for both majors. If you're completing a double major, you need to officially declare both majors either when you’re admitted or through the change of major procedure. You'll need to follow the degree requirements in a single catalog for both majors.

• **Optional Minor**
You may elect to complete a minor with the B.S. degree under the following circumstances:

a. You must declare your minor before the beginning of your final semester in the B.S. degree program. You need to complete a declaration of minor form and file it with the Office of the Registrar by the end of registration.

b. Any minor approved for the B.A. degree may serve as a minor for the B.S. degree. All general and specific requirements for minors are the same as those listed for B.A. degree minors, including that courses used to meet minor requirements may not be used to meet major or general distribution requirements unless so designated. The catalog used for the minor must be the same as the catalog used for the major and general degree requirements.

c. You must satisfactorily complete the requirements for the minor before your B.S. degree will be awarded. The minor will be listed on your transcript along with the B.S. degree.

### Bachelor of Security and Emergency Management

**BACHELOR OF SECURITY AND EMERGENCY MANAGEMENT**

<table>
<thead>
<tr>
<th>Requirement Type</th>
<th>General Education Requirements</th>
<th>Degree Specific Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>Complete the following: COJO F121X, COJO F131X or COJO F141X; WRTG F111X; and WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.</td>
<td></td>
</tr>
<tr>
<td>Library and Information Research</td>
<td>LS F101X or successful completion of library skills competency test</td>
<td></td>
</tr>
</tbody>
</table>
## Social Sciences

Complete two courses from the following in two different disciplines:

- ACCT F261X
- ANS F111X
- ANS F242X
- ANTH F100X
- ANTH F101X
- ANTH F111X
- ANTH F211X
- BA F151X, BA F254X
- BA F281X/SPRT F281X
- ECE F104X, ECE F107X
- ECE F210X
- ECON F101X
- ECON F102X
- ECON F111X
- ECON F120X
- ECON F235X
- GEOG F101X
- HIST F100X
- HIST F102X
- HIST F122X
- HIST F132X
- HUMS F125X
- JUST F125X
- JUST F110X
- JUST F251X, PS F100X
- PS F101X, PS F201X
- PS F221X, PSY F101X
- RD F200X, SWK F103X
- SOC F101X
- SOC F201X
- WGS F201X

### No additional social science unless required by major or minor

## Other

One additional Arts, Humanities or Social Sciences from the lists above.

## Ethics

Complete one course from the following:

- BA F323X

## Mathematics

Complete one course from the following:

- MATH F113X
- MATH F114X
- MATH F122X
- MATH F151X
- MATH F152X
- MATH F156X
- MATH F230X
- MATH F251X
- MATH F252X
- MATH F253X
- STAT F200X

### Any math course having one of these as a prerequisite

## Natural Sciences

Complete two from the following:

- BIOL F100X, BIOL F103X
- BIOL F104X, BIOL F111X
- BIOL F112X, BIOL F115X
- BIOL F116X, BIOL F120X
- CHEM F100X, CHEM F103X
- CHEM F104X, CHEM F105X
- CHEM F106X, CHEM F111X
- GEOG F111X, GEOS F101X
- GEOS F106X, GEOS F112X
- GEOS F120X, MSL F111X
- PHYS F102X, PHYS F115X
- PHYS F123X, PHYS F124X
- PHYS F165X, PHYS F211X
- PHYS F212X, PHYS F213X

### No additional natural science required

## Alaska Native-themed

During the completion of coursework, 3 credits of Alaska Native-themed course(s) must be completed. See Alaska Native-themed courses chart for available courses.

### Major Complex

At least 78 cr

### Minor Complex

Optional: at least 15 cr

### Total Required

38-44 cr

120 cr

1 For a summary of the Alaska Native-themed courses see the Alaska Native-themed requirements (http://catalog.uaf.edu/bachelors/alaska-native-themed/) chart.

The B.S.E.M. degree prepares students for professional careers responding to natural and manmade disasters, forming crisis management plans and ensuring public safety. Students with backgrounds ranging from first responders and military to applied vocational skills graduate ready to start or advance in careers in emergency management, homeland security, public safety and emergency services. See Homeland Security and Emergency Management (http://catalog.uaf.edu/bachelors/bachelors-degree-programs/homeland-security-emergency-management/) in Bachelor’s Degree Programs.

### Notes:
You must earn a C- grade or higher in all courses required for your degree unless otherwise specified by your major (major, minor, general education requirements and degree requirements).

Courses beyond 30 credits in a major complex may be used to fulfill the B.S.E.M. degree requirements in ethics.

**Bachelor of Sport and Recreation Business**

<table>
<thead>
<tr>
<th>Requirement Type</th>
<th>General Education Requirements</th>
<th>Degree Specific Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>Complete the following: COJO F121X, COJO F131X or COJO F141X; WRTG F111X; and WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.</td>
<td></td>
</tr>
<tr>
<td>Library and Information Research</td>
<td>LS F101X or successful completion of library skills competency test</td>
<td></td>
</tr>
</tbody>
</table>
### Social Sciences
Complete two courses from the following in two different disciplines:
- ACCT F261X
- ANS F111X
- ANS F242X
- ANTH F100X
- ANTH F101X
- ANTH F111X
- ANTH F211X
- BA F151X, BA F254X
- BA F281X/SPRT F281X
- ECE F104X, ECE F107X
- ECE F210X
- ECON F101X
- ECON F102X
- ECON F111X
- ECON F120X
- ECON F235X
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- HIST F102X
- HIST F122X
- HIST F132X
- HUMS F125X/
- JUST F125X
- JUST F110X
- JUST F251X, PS F100X
- PS F101X, PS F201X
- PS F221X, PSY F101X
- RD F200X, SWK F103X
- SOC F101X
- SOC F201X
- WGS F201X

### Other
One additional Arts, Humanities or Social Sciences from the lists above.

### Other
- BA F323X

### Mathematics
- MATH F122X

### Natural Sciences
Complete two from the following:
- ATM F101X
- BIOL F100X
- BIOL F103X
- BIOL F104X
- BIOL F111X
- BIOL F112X
- BIOL F115X
- BIOL F116X
- BIOL F120X
- CHEM F100X
- CHEM F103X
- CHEM F104X
- CHEM F105X
- CHEM F106X
- CHEM F111X
- GEOF F111X
- GEOS F101X
- GEOS F106X
- GEOS F112X
- GEOS F120X
- MSL F111X
- PHYS F102X
- PHYS F103X
- PHYS F115X
- PHYS F123X
- PHYS F124X
- PHYS F165X
- PHYS F211X
- PHYS F212X
- PHYS F213X

### Alaska Native-themed
During the completion of coursework, 3 credits of Alaska Native-themed course(s) must be completed. See Alaska Native-themed courses chart for available courses.¹

### Major Complex
At least 33

### Minor Complex
Optional: at least 15 cr

### Total Required
120 cr

¹ For a summary of the Alaska Native-themed courses see the Alaska Native-themed requirements (http://catalog.uaf.edu/bachelors/alaska-native-themed/) chart.

**Note:** Courses beyond 30 credits in a major complex may be used to fulfill the B.S.R.B. degree requirements in ethics.