SUMMARY OF BACHELOR'S DEGREE 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.

See a list of all bachelor’s degree programs here. (http://catalog.uaf.edu/bachelors/bachelors-degree-programs/)

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 in Sciences in the bachelor’s degree program section.

<table>
<thead>
<tr>
<th>Requirement Type</th>
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<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>
# 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**
- **ECON F100X**
- **ECON F201X**
- **ECON F202X**
- **ECON F235X**
- **GEOG F101X**
- **HIST F100X**
- **HIST F102X**
- **HIST F122X**
- **HIST F132X**
- **HUMS F125X/JUST F125X**
- **JUST F100X**
- **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**

## 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**

One 3-credit course at the F100 level or above from math, computer sciences or statistics.

## Natural Sciences
Complete two from the following:
- **ATM F101X**
- **BIOL F100X**
- **BIOL F103X**
- **BIOL F104X**
- **CHEM F100X**
- **CHEM F103X**
- **CHEM F104X**
- **CHEM F105X**
- **CHEM F106X**
- **CHEM F111X**
- **GEOG F111X**
- **GEOG F101X**
- **GEOG F102X**
- **GEOG F120X**
- **GEOG F112X**
- **GEOG F106X**
- **GEOG F111X**
- **PHYS F102X**
- **PHYS F103X**
- **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
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

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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>
<tr>
<td><strong>Social Sciences</strong></td>
<td>Complete two courses from the following in two different disciplines: ANS F111X, ANS F242X, ANTH F100X, ANTH F101X, ANTH F111X, ANTH F211X, BA F151X/BA F254X, BA F281X/SPRT F281X, ECE F104X, ECON F100X, 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</td>
<td></td>
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<tr>
<td><strong>Other</strong></td>
<td>One additional Arts, Humanities or Social Sciences from the lists above.</td>
<td></td>
</tr>
<tr>
<td><strong>Ethics</strong></td>
<td>BA F323X</td>
<td></td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>MATH F122X</td>
<td></td>
</tr>
</tbody>
</table>

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 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.
| 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 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,
|                    | ECON F100X,
|                    | ECON F201X,
|                    | ECON F202X,
|                    | 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, SOC F101X,
|                    | SOC F201X,
|                    | SWK F103X,
|                    | 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 |

| Mathematics         | One 3-credit course at the F100 level or above from computer sciences or statistics, or math course from MATH F113X or above, or PHIL F108 |
Summary of Bachelor's Degree Requirements

Natural Sciences
No additional natural science unless required by the major or minor.

Other
One additional Arts, Humanities or Social Sciences from the lists above.
B.F.A. general requirements are the same as the requirements for the B.A. degree except a minor is not required for the B.F.A.

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
Required: at least 15 cr

Total Required
38-44 cr
120 cr

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/).
  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**

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<td>Complete the following: COJO F121X, COJO F131X or COJO F141X, WRTG F111X; and WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.</td>
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</tr>
</tbody>
</table>

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

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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.
| Other | Complete one additional Arts, Humanities or Social Sciences from the lists above. |
| Ethics | BA F323X |
| Mathematics | MATH F122X |
### Natural Sciences


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.¹

### Major Complex

At least 24-33 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:

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.

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### BACHELOR OF FINE ARTS

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<td>LS F101X or successful completion of library skills competency test</td>
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<tr>
<td>Ethics</td>
<td>Complete one from the following: BA F323X, COJO F300X, JUST F300X, NRM F303X, PHIL F322X, PS F300X</td>
<td></td>
</tr>
<tr>
<td>Mathematics</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>
</tbody>
</table>
### Natural Sciences
Complete two from the following:
- ATM F101X
- BIOL F100X
- BIOL F103X
- 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

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

### 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

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</table>

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/).

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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<tr>
<td>Library and Information Research</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Summary of Bachelor's Degree Requirements

| 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 |
| 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 |

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. 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.
### 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 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

No additional humanities unless required by major or minor.

### 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
- ECON F100X
- ECON F201X
- ECON F202X
- 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

### 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
- MATH F255X
- STAT F200X

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.
**Natural Sciences**


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.)

**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* ²

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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.

² Your 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.

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**BACHELOR OF SECURITY AND EMERGENCY MANAGEMENT**

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<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>
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**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.
### Summary of Bachelor’s Degree Requirements

#### Arts
Complete one from the following:
- ANS F161X/FLPA F161X
- ANS F202X
- ANS F223X
- ACNS F223X
- ART F105X, ART F200X
- ART F261X
- ART F262X
- ENGL F217X
- FLPA F217X
- COJO F217X
- FLPA F105X
- FLPA F105X
- FLPA F200X
- FLPA F215X
- HUM F201X
- MUS F103X
- MUS F125X
- MUS F200X

#### Humanities
Complete one from the following:
- ANL F141X, ANL F142X
- ANL F251X
- ASLG F101X
- ASLG F202X
- CHNS F101X
- CHNS F102X
- COJO F101X
- COJO F102X
- ENGL F200X
- FL F200X, 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

#### 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
- ECON F100X
- ECON F201X
- ECON F202X
- 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

#### 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

No additional social science unless required by major or minor.
Summary of Bachelor's Degree Requirements

Natural Sciences


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.¹

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.

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>
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<tr>
<th>Requirement Type</th>
<th>General Education Requirements</th>
<th>Degree Specific Requirements</th>
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<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>
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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:
### 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 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

### Social Sciences

Complete two courses from the following in two different disciplines:
- ANS F111X, ANS F242X, ANTH F100X, ANTH F101X, ANTH F111X,
- ANTH F211X, BA F151X, BA F254X, BA F281X/SPRT F281X, ECE F104X,
- ECON F100X, ECON F235X, GEOG F100X,
- GEOS 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.

### Ethics

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 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

### 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 33

### Minor Complex

Optional: at least 15 cr

### Total Required

120 cr

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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.