

Associate of Science

Program Requirements

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Minimum Requirements for Associate of Science Degree: 60 credits

Concentrations: Ethnobotany (p. 1), General Science (p. 1)

Students must earn a C- grade or better in each course.

| Code | Title | Credits |
|---|-------|--------------|
| General University Requirements | | |
| Complete the general university requirements. (https://catalog.uaf.edu/associates/#gurassociatedegreeestext) | | |
| General Education Requirements | | |
| Complete the general education requirements (https://catalog.uaf.edu/associates/#AS-GER) | | 43-48 |
| A.S. Degree Requirements | | |
| Complete the A.S. degree requirements. (https://catalog.uaf.edu/associates/#ASrequirementstext) ¹ | | 0-4 |
| Concentration | | |
| Complete one of the following: ¹ | | 15-17 |
| Ethnobotany | | |
| General Science | | |
| Total Credits | | 60-69 |

¹ All credits for the A.S. degree must be at the F100 level or above with 20 credits at the F200 level or above. Variation in credits depends on the concentration area.

Concentrations

Ethnobotany

| Code | Title | Credits |
|---|-------|-----------|
| Ethnobotany Concentration Requirements | | |
| Complete the following: | | |
| Complete 17 credits of Ethnobotany courses | | 17 |
| Total Credits | | 17 |

General Science

| Code | Title | Credits |
|--|-------|-----------|
| General Science Concentration Requirements | | |
| Complete the following: | | |
| Science-focused area of study in natural science, mathematics, statistics, engineering, computer science or from a Bachelor of Science degree area as determined in coordination with your advisor | | 15 |
| Total Credits | | 15 |

Roadmaps

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Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

- This roadmap should be used in conjunction with regular academic advising appointments. All students are encouraged to meet with their advisor or mentor each semester.
- Some courses and milestones must be completed in the semester listed to ensure timely graduation.
- Transfer credit may change the roadmap.
- Requirements, course availability and sequencing are subject to change.
- Courses with (*) are recommended.

Ethnobotany Concentration

| First Year | | | |
|--|---------|--|-----------|
| Fall | Credits | Spring | Credits |
| COM F121X, F131X, or F141X ¹ | | 3 LS F101X ¹⁵ | 1 |
| WRTG F111X ¹ | | 3 WRTG F211X, F212X, F213X, or F214X ¹ | 3 |
| General Education Requirement - Mathematics | | 3 General Education Requirement - Humanities | 3 |
| General Education Requirement - Natural Sciences | | 4 General Education Requirement - Natural Sciences | 4 |
| Concentration Course | | 3 Concentration Course | 3 |
| | | Concentration Course | 3 |
| | | 16 | 17 |

Second Year

| Fall | Credits | Spring | Credits |
|--|---------|--|-----------|
| General Education Requirement - Arts | | 3 General Education Requirement - Social Sciences | 3 |
| General Education Requirement - Social Sciences | | 3 General Education Requirement - Additional Arts, Humanities or Social Sciences | 3 |
| General Education Requirement - Natural Sciences | | 4 General Education Requirement - Natural Sciences | 4 |
| Degree Requirement - Alaska Native-themed | | 3 Concentration Course | 3 |
| Concentration Course | | 3 Concentration Course | 2 |
| | | 16 | 15 |

Total Credits 64

Footnote Definitions

| General Education Requirements | Degree Requirements | Program & Other Requirements |
|--|-----------------------------------|------------------------------|
| 1–Communication | 8–Alaska Native-themed | 20–Program Requirement |
| 2–Arts | 9–Communication | 21–Capstone Requirement |
| 3–Humanities | 10–Computation | 22–Concentration Course |
| 4–Social Sciences | 11–Ethics | 23–General Elective |
| 5–Additional Arts, Humanities or Social Sciences | 12–Humanities | 24–Minor Course |
| 6–Mathematics | 13–Human Relations | 25–Upper Division |
| 7–Natural Sciences | 14–Humanities or Social Sciences | 26–Program Elective |
| | 15–Library & Information Research | |
| | 16–Mathematics | |
| | 17–Natural Sciences | |
| | 18–Other | |
| | 19–Social Sciences | |

General Science Concentration

First Year

| Fall | Credits Spring | Credits |
|---|--|-----------|
| COM F121X, F131X, or F141X ¹ | 3 LS F101X ¹⁵ | 1 |
| ENVI F101X (*) ⁷ | 4 WRTG F211X, F212X, F213X, or F214X ¹ | 3 |
| WRTG F111X ¹ | 3 General Education Requirement - Humanities | 3 |
| General Education Requirement - Mathematics | 3 General Education Requirement - Natural Sciences | 4 |
| Concentration Course | 3 Concentration Course | 3 |
| | 16 | 14 |

Second Year

| Fall | Credits Spring | Credits |
|--|--|---------|
| General Education Requirement - Arts | 3 General Education Requirement - Social Sciences | 3 |
| General Education Requirement - Social Sciences | 3 General Education Requirement - Additional Arts, Humanities or Social Sciences | 3 |
| General Education Requirement - Natural Sciences | 4 General Education Requirement - Natural Sciences | 4 |
| Degree Requirement - Alaska Native-themed | 3 Concentration Course | 3 |

| | | |
|----------------------|------------------------|-----------|
| Concentration Course | 3 Concentration Course | 3 |
| | 16 | 16 |

Total Credits 62

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| 7–Natural Sciences | 14–Humanities or Social Sciences | 26–Program Elective |
| | 15–Library & Information Research | |
| | 16–Mathematics | |
| | 17–Natural Sciences | |
| | 18–Other | |
| | 19–Social Sciences | |

Learning Outcomes

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Learning Outcomes are measurable statements that describe knowledge or skills achieved by students upon completion of the program.

Students graduating from this program will be able to:

- Be successful in subsequent baccalaureate or other coursework in the sciences
- Students who declare the A.S. as their major degree will successfully complete all degree requirements
- Students who complete a science-related concentration area will possess the skill and knowledge to move directly to the B.S. degree in natural or applied sciences
- Students who complete the A.S. degree with a specific science-related concentration area will possess the skills and knowledge to meet the current workforce demand in corresponding science-related jobs in Alaska