Minimum Requirements for Degree: 120 credits

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

General University Requirements
Complete the general university requirements. (http://catalog.uaf.edu/bachelors)

General Education Requirements
Complete the general education requirements. (http://catalog.uaf.edu/bachelors/general-education-requirements)
As part of the general education requirements, complete:
- MATH F251X Calculus I

B.S. Degree Requirements
Complete the B.S. degree requirements. (http://catalog.uaf.edu/bachelors/summary-of-bachelors-degree-reqs/#bachelorofsciencetext)
As part of the B.S. degree requirements, complete:
- MATH F252X Calculus II
- MATH F253X Calculus III
- MATH F307 Discrete Mathematics
- PHYS F211X General Physics I
- PHYS F212X General Physics II
- STAT F300 Statistics
- Any approved ethics course
- Select one from the following:
  - MATH F302 Differential Equations
  - MATH F310 Numerical Analysis
  - MATH F314 Linear Algebra
  - MATH F371 Probability
  - MATH F405 Abstract Algebra
  - MATH F408 Mathematical Statistics
  - MATH F460 Mathematical Modeling

Program Requirements
- CS F201 Computer Science I 3
- CS F202 Computer Science II 3
- CS F301 Assembly Language Programming 3
- CS F311 Data Structures and Algorithms 3
- CS F321 Operating Systems 3
- CS F331 Programming Languages 3
- CS F371 Computer Ethics and Technical Communication 3
- CS F372 Software Construction 3
- CS F411 Analysis of Algorithms 3
- CS F441 System Architecture 3-4
  or EE F443 Computer Engineering Analysis and Design
- CS F471 Senior Capstone I 1 3
- CS F472 Senior Capstone II 1 3
- EE F341 Digital and Computer Analysis and Design 4

Electives in computer science at the F300 or F400 level or approved electives, such as: 9

1. Fulfills the baccalaureate capstone requirement.