

COMPUTER SCIENCE

College of Engineering and Mines
Department of Computer Science
907-474-2777
www.cs.uaf.edu

MS Degree

Minimum Requirements for Degree: 30 credits

Computer science is the study of information handling and its application to the problems of the world. Computing is widely used in support of activities in science, engineering, business, law, medicine, education and the social sciences.

The MS degree follows the recommendations of the Association for Computing Machinery and the Institute for Electrical and Electronic Engineers. The program provides breadth and depth in course work and culminates with a major unifying project. This program is available to students who have completed a BS degree in computer science at most institutions. Students from other universities who have completed a substantial portion of a bachelor's level computer science program may be admitted to the MS program. In such cases, undergraduate courses may be required to remedy deficiencies.

For admission to the MS computer science program, the GRE general and computer science subject exam is required.

MS Degree

- 1. Complete the UAF admission process including the following:
 - a. Submit GRE general and computer science subject exam scores.
 - b. For teaching assistantship consideration, foreign applicants whose native language is not English must submit a TOEFL score of at least 600.
 - c. The department gives preference to applicants who also submit results of the Test of Spoken English.
- 2. Complete the general university requirements (page 202).
- 3. Complete the master's degree requirements (page 206).
- 4. Complete the following:
 - CS F611—Complexity of Algorithms3
 - CS F631—Programming Language Implementation.....3
 - CS F641—Advanced Systems Architecture3
 - CS F671—Advanced Software Engineering.....3
 - CS F690—Graduate Seminar and Project3
 - CS F691—Graduate Seminar and Project3
 - Approved electives.....12
- 5. Minimum credits required30

