M.S., MATHEMATICS

• Complete the following admission requirements:
  a. Submit three letters of recommendation addressing the applicant’s educational background, mathematical ability, and research and teaching potential.
  b. Submit undergraduate transcripts.
  c. Submit a resume and written statement of goals.

Note: For admission to the graduate school, students who are non-native speakers of English are required to submit either TOEFL or IELTS scores. While not required, submission of GRE general test scores is recommended.

Minimum Requirements for Degree: 30-35 credits

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

Master’s Degree Requirements
Complete the master’s degree requirements. (http://catalog.uaf.edu/graduate/#Masters)

Complete a written comprehensive exam

Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH F631</td>
<td>Algebra I</td>
<td>4</td>
</tr>
<tr>
<td>MATH F641</td>
<td>Real Analysis</td>
<td>4</td>
</tr>
<tr>
<td>MATH F645</td>
<td>Complex Analysis</td>
<td>4</td>
</tr>
<tr>
<td>MATH F651</td>
<td>Topology</td>
<td>4</td>
</tr>
</tbody>
</table>

Complete a project or thesis.

Total Credits 16