Mathematics Ph.D.

Minimum Requirements for Mathematics Ph.D.: 36 credits

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<th>Code</th>
<th>Title</th>
<th>Credits</th>
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General University Requirements

Complete the graduate general university requirements. ([link](https://catalog.uaf.edu/phd/#gurphdtext))

Ph.D. Degree Requirements

Complete the Ph.D. degree requirements. ([link](https://catalog.uaf.edu/phd/#phdrequirementstext))

As part of the Ph.D. requirements, complete the following:

- **MATH F699** Thesis (18 credits)

Mathematics Program Requirements

- **MATH F692** Seminar \(^1\) 1-6

Pass the Ph.D. qualifying exam.

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<th>Total Credits</th>
<th>19-24</th>
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\(^1\) One or more credit(s) of MATH F692 during the anticipated final semester of enrollment for the degree. A graduate advisory committee may choose to waive the requirement if its purpose has been met by other experiences.

Note: For admission to the graduate school, students who are nonnative speakers of English are required to submit either TOEFL or IELTS scores. The GRE mathematics subject test score is not required, but we strongly recommend submitting the score as part of the application.

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:

- Master foundational mathematical concepts and learn in-depth the area of the dissertation
- Demonstrate communication and presentation skills consistent with professional standards
- Obtain employment in their chosen field, or otherwise meet personal objectives for completing the degree