Applied Mathematics

Required Courses

Why Choose Applied Mathematics?

The Mathematics Department at Ferris State lets you choose from two different application concentrations for your Bachelor of Science degree in Applied Mathematics: Applied Mathematics and Computer Science. Each concentration requires that you satisfy the General Education requirements of the University plus the Applied Mathematics core courses and the required courses for your chosen concentration.

Career Opportunities

The Applied Mathematics concentration is designed for students who want a broad knowledge of mathematics and its many types of applications. Courses in statistics, operations research and computer science can be combined for a well-rounded applied mathematics foundation, which can lead to careers in business and industry.

Admission Requirements

First year student admission is open to high school graduates (or equivalent) who demonstrate academic preparedness, maturity and seriousness of purpose with educational backgrounds appropriate to their chosen program of study. High school courses and grade point average, ACT/SAT16 composite score, and ACT/SAT16 reading and mathematics subscores will be considered in the admission and placement process. Transfer students must have at least 12 credits at the time of application with a minimum 2.0 overall GPA including an English and mathematics course, or they must provide their high school records and ACT/SAT16 scores for admission review.

General Education Requirements

All University General Education requirements for a Bachelor’s degree is here

Please consult this link for a complete listing of General Education Electives.

Consult the Required Courses above or the program advisor for program specific General Education requirements.

Graduation Requirements

The Applied Mathematics program leads to a bachelor of science degree. Graduation requires a minimum 2.0 overall GPA and a minimum of 120 credits including completion of all general education requirements as outlined on the General Education website. Additionally, a minimum 2.5 GPA in all math and computer science course work is required. Students may earn only one
B.S. degree in Mathematics from Ferris State University.

More Information

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ADA compliant checksheets are being developed for the 2019-2020 Catalog. If you would like to request an ADA compliant checksheet before the 19-20 catalog is published, please send your request to: FSUCurriculum@ferris.edu