Applied Mathematics

Official Program Checksheet

Why Choose Applied Mathematics?

The Mathematics Department at Ferris State lets you choose from five different application concentrations for your Bachelor of Science degree in Applied Mathematics: Actuarial Science, Applied Mathematics, Computer Science, Operations Research and Statistics. 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 scores for admission review.

General Education Requirements

All University General Education requirements can be found here: http://www.ferris.edu/HTMLS/academics/general-education/requirements/BA-BS.htm

Please consult this link for a complete listing of General Education Electives: http://www.ferris.edu/HTMLS/academics/general-education/courses/index.htm

Consult the official checksheet or 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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