Western Michigan University’s Applied and Computational Mathematics (M.S.) program is built on nearly 50 years of training graduate students in the mathematical sciences, with courses taught by outstanding faculty in the setting of a vibrant department within a research university.

The M.S. in Applied and Computational Mathematics is a coursework-only degree program. Students completing this degree will have obtained a broad background in the mathematical sciences, including statistics, differential equations, mathematical programming, and computational mathematics. The use of mathematical models to study practical problems is emphasized throughout.

This program prepares students for professional employment in industry or government, or for entry into a doctoral program in an applied area of mathematics. The program also offers interested students the opportunity to gain experience teaching mathematics in a mentored setting, which can serve as preparation for a career in mathematics teaching.

Students also take coursework with research-active faculty in the Department of Statistics.

With about 60 graduate students and 28 members of the Graduate Faculty, the department offers its graduate students ready access to high-quality faculty with ample opportunity for peer interaction.
**Applied and Computational Mathematics (M.S.)**

**Teaching, Research, and Program Focus Areas**
Mathematics faculty include nationally recognized experts in several areas of applied and computational mathematics, including numerical analysis, variational analysis, and control theory. Other areas of faculty research include algebra, analysis, topology, graph theory and combinatorics. Students can tailor their course of study according to their research interests in a variety of directions. Our programs prepare students for leadership positions in research, higher education, the sciences, or industry.

**Admissions**
Applications are accepted for admission in the fall and spring semesters. Application deadlines for fall semesters are due by February 15. The GRE is not required for admission to the masters program. For additional application information visit program website: [wmich.edu/math/academics/graduate.html](http://wmich.edu/math/academics/graduate.html)

**Graduate Assistantships/Associateships**
Graduate assistantships and associateships are available on a competitive basis. Most of our graduate students are supported in this way, although students may be accepted into the M.S. program without departmental support. Assistantships and associateships are renewable based on academic and teaching performance.

**Contacts**
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Graduate Programs Secretary
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**Western Michigan University**
One of the top-100 public universities in the United States, Western Michigan University offers many nationally known graduate programs, including 29 doctoral and 64 master’s degrees. More than 20 percent of its 25,000 students are enrolled in graduate course work.

**Kalamazoo**
With a population of more than 325,000, Kalamazoo is the sixth largest metropolitan area in Michigan and among the 150 largest in the country. Kalamazoo is rated one of the 25 best cities in the country for young college graduates, and is located midway between Chicago and Detroit.