Department of Mathematics and Statistics

Department Chair and Professor: Dr. Patrick Rault
Professors: Shu-Chuan (Grace) Chen, Yu Chen, Yury Gryazin, Cathy Kriloff, Bennett Palmer, Tracy Payne, Yunrong Zhu
Associate Professors: Wenxiang Zhu
Assistant Professor: Jake Rhodes, Xiaoxia (Jessica) Xie
Visiting Assistant Professor: TBD

<table>
<thead>
<tr>
<th>Program Description</th>
<th>Type</th>
<th>Degree</th>
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<tr>
<td>Doctor of Arts in Mathematics (<a href="http://coursecat.isu.edu/graduate/scienceengineering/mathematics/damath/">http://coursecat.isu.edu/graduate/scienceengineering/mathematics/damath/</a>)</td>
<td>Degree</td>
<td>D.A.</td>
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<tr>
<td>Master of Science in Mathematics (<a href="http://coursecat.isu.edu/graduate/scienceengineering/mathematics/msmath/">http://coursecat.isu.edu/graduate/scienceengineering/mathematics/msmath/</a>)</td>
<td>Degree</td>
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<tr>
<td>Master of Arts in Mathematics for Secondary Teachers (<a href="http://coursecat.isu.edu/graduate/scienceengineering/mathematics/mamathsecondaryteachers/">http://coursecat.isu.edu/graduate/scienceengineering/mathematics/mamathsecondaryteachers/</a>)</td>
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**Goals**

- Master's degree students develop a broad knowledge of mathematics and a degree of competence in one field within mathematics.
- Doctoral students develop a broad knowledge of mathematics; learn about the roles of instruction, service, and research in the mathematical profession; and study a mathematical topic in depth, reporting their findings in a thesis that meets professional standards.
- Graduate students find employment in teaching or industry.

**Doctor of Arts in Mathematics**
The Doctor of Arts in Mathematics is designed to prepare the student for a teaching career in institutions of higher learning. The program emphasizes broad competence in mathematics rather than specialization and makes provision for classroom teaching experience.

**Master of Science in Mathematics**
The Master of Science in Mathematics is designed to provide a broad and in-depth background and prepare the student for further study at the doctoral level or for an industrial or academic career.

**Master of Arts in Mathematics for Secondary Teachers**
The Master of Arts in Mathematics for Secondary Teachers (MAMST) is designed for people with a bachelor’s degree who hold a secondary school teaching certificate for the teaching of mathematics and have at least three years of full-time teaching experience. The objective of the program is to enhance the mathematical training of secondary teachers and to equip such teachers with a broad and modern background in mathematics.