

Mission Statement

The mission of the Mathematics Department at Slippery Rock University is focused on three areas:

1. to provide high quality programs to mathematics majors who plan to teach secondary mathematics, work in business or industry, or attend graduate school; to provide appropriate service courses for other programs; and to provide an exciting and relevant liberal studies experience for Slippery Rock students.
2. to expand the boundaries of mathematical knowledge and encourage and enable students to participate in scholarly research.
3. to provide service to the Slippery Rock University and wider communities.

Program Outcomes

Students completing a Bachelor's degree in mathematics at SRU will:

1. Possess the mathematical content knowledge necessary to be competitive and successful in a mathematically related career.
2. Communicate mathematical knowledge in both written and oral forms appropriate to the discipline.
3. Apply rigorous deductive reasoning in synthesizing mathematical knowledge.
4. Show familiarity and versatility in using appropriate technology to address mathematical issues and to perform relevant computations or analyses.
5. Demonstrate self-motivation and a desire to excel in mathematical and other endeavors.
6. Appreciate the history and culture of mathematics and the diversity of experience and connections among its topics.