

# MATHEMATICS, B.S. (BEHREND)

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**Begin Campus:** Any Penn State Campus

**End Campus:** Erie

## Program Learning Objectives

- **Communication:** Students will demonstrate and apply communicating mathematics in written form.
- **Modeling:** Students will demonstrate the knowledge to describe physical situations mathematically.
- **Opportunity:** Students will demonstrate knowledge of internship opportunities and opportunities to participate in mathematical research directed by mathematics faculty. Furthermore, each student who participated in an internship or in undergraduate research will be able to describe in a paragraph what he or she learned through the experience.
- **Problem Solving:** Students will demonstrate the knowledge to apply logical skills in order to understand how to approach and solve mathematical problems.
- **Proofs:** Students will demonstrate and apply proof techniques.