

# MATHEMATICAL SCIENCES, B.S.

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**Begin Campus:** Any Penn State Campus

**End Campus:** Harrisburg

## Program Learning Objectives

- Restate and write mathematical statements, proofs, or solutions; produce presentations and reports that explain the statements, proofs, or solutions to others.
- Model real world phenomena mathematically.
- Restate and summarize theoretical concepts and axiomatic underpinnings of mathematics and construct proofs at the appropriate level.
- Demonstrate functional proficiency in techniques, algorithms and analysis.
- Analyze data and interpret results.