

## Master of Science in Mathematics

### *Who takes this program?*

- Students with a bachelor's degree in mathematics.
- Individuals who have a professional background, including high school mathematics teachers.

### *How does the program work?*

- Hybrid program with 18 hours of coursework offered online.
- 36 credit hours required for graduation.
- Thesis and non-thesis options.
- Full-time students can complete the program in two-and-one-half years.
- Our students learn how to solve problems from a variety of areas in mathematics, but, most importantly, they learn how to solve problems in any field by learning the tools first and then applying those tools to the solution of a problem.
- Students may enjoy working individually or as a team.
- Once students find an area that interests them, they work closely with faculty to solve a problem that extends knowledge in the chosen field.

### *How will this degree benefit me?*

- Graduates of our program choose either a career in industry or education.
- Those who choose industry can enter any field, as they are trained to be interdisciplinary problem-solvers. Once students complete an MS in Mathematics, there is nothing they cannot be trained to do. Corporations from a variety of fields hire mathematics students, though a recent trend is students interested in the actuarial sciences.
- Those who choose education work as community college and university instructors as well as at college preparatory institutes.

### *What courses will I take?*

- 18 hours of core mathematics courses
  - Real Analysis I and II
  - Mathematical Statistics I and II
  - Numerical Analysis I and II
  - Six hours of electives
  - Remaining hours from advanced mathematics
  - Six hours of thesis, if this option is chosen.

### *What sets this program apart from other programs?*

Our students receive one-on-one specialized attention from a faculty that enjoys teaching. We encourage our students to begin their research career early in the program. The mathematics faculty is active in the pursuit of external funding and frequently graduate students have the opportunity to work for funded program.



# Discover Math

## Admission Criteria and Application Guidelines

### *Full Admission*

- Bachelor's degree in mathematics or completion of leveling coursework
- Official transcripts from all colleges and universities attended
- Undergraduate grade point average (GPA) of 3.0 or higher
- Graduate Record Exam (GRE ) scores

### *Conditional Admission*

Any applicant who does not meet the above requirements will be reviewed for conditional admission by program faculty.

### *Suggested Deadlines to Apply*

- August 1 for Fall admission
- December 1 for Spring admission
- May 1 for Summer admission

### *Program Contact Information*

Dr. Pamela Lockwood

[plockwood@wtamu.edu](mailto:plockwood@wtamu.edu)

806-651-2536