DEPARTMENT OF
MATHEMATICS

Math/Computer Science Building Room 470
T: 512.245.2551 F: 512.245.3425
http://www.math.txstate.edu/

The Department of Mathematics provides an environment at the forefront
of research that produces graduates highly qualified in mathematics and
mathematics education who will contribute to making Texas a leader
in mathematics, science and technology. Offering a rich mathematical
experience where students learn to think critically, communicate
mathematical concepts effectively, and become lifetime learners, we
maintain a nationally known community of faculty and students in the
study of mathematics, mathematics education, discrete mathematics,
and related disciplines.

Goals
The program courses are designed to develop studies appropriate to
preparing students for doctoral research, preparing students to teach
mathematics at various levels including community college and public
school teaching, or preparing students to apply mathematics and
statistics to solve functional problems in fields such as engineering
and applied sciences, thus preparing them for careers in applied
mathematics.

Faculty
The faculty has specialists in algebra, analysis, applied mathematics,
statistics, bifurcation theory, differential equations, differential
geometry, non-linear functional analysis, number theory, graph theory,
combinatorics, mathematics education, quadratic forms, and topology.
The library collection is extensive in both journals and reference works
with current journals available.

Financial Assistance
Mathematics graduate students are encouraged to work as assistant
instructors. The stipends for these assistantships are comparable to
national norms and generally require teaching two courses per term.
Information may be obtained by writing the department chair. The
Graduate College can provide information on the availability of graduate
scholarships.

Doctor of Philosophy (Ph.D.)
- Major in Mathematics Education (http://mycatalog.txstate.edu/
graduate/science-engineering/mathematics/education-phd)

Master of Education (M.Ed.)
- Major in Mathematics (http://mycatalog.txstate.edu/graduate/
science-engineering/mathematics/med)
- Major in Middle School Mathematics Teaching (http://
mycatalog.txstate.edu/graduate/science-engineering/mathematics/
middle-school-teaching-med)

Master of Science (M.S.)
- Major in Mathematics (Applied Mathematics Concentration Non-
thesis Option) (http://mycatalog.txstate.edu/graduate/science-engineering/
mathematics/mathematics-appliedmath-nonthesis-ms)
- Major in Mathematics (Non-thesis Option) (http://
mycatalog.txstate.edu/graduate/science-engineering/mathematics/
mathematics-nonthesis-nomnor-ms)
- Major in Mathematics (Non-thesis Minor Option) (http://
mycatalog.txstate.edu/graduate/science-engineering/mathematics/
mathematics-nonthesis-minor-ms)
- Major in Mathematics (Statistics Concentration Non-thesis Option)
(http://mycatalog.txstate.edu/graduate/science-engineering/
mathematics/mathematics-statistics-nonthesis-ms)
- Major in Mathematics (Statistics Concentration Thesis Option)
(http://mycatalog.txstate.edu/graduate/science-engineering/
mathematics/mathematics-statistics-thesis-ms)
- Major in Mathematics (Thesis Option) (http://mycatalog.txstate.edu/
graduate/science-engineering/mathematics/mathematics-thesis-
nomnor-ms)
- Major in Mathematics (Thesis Minor Option) (http://
mycatalog.txstate.edu/graduate/science-engineering/mathematics/
mathematics-thesis-minor-ms)

Minor
- Mathematics (http://mycatalog.txstate.edu/graduate/science-
engineering/mathematics/minor)