

Since the establishment of the Master's degree authorization point of Applied Mathematics in 2004 and the approval of the point of Mathematics First-Class in 2013, the Department of Mathematics of the College of Science, Nanjing Agricultural University has gradually improved the level of mathematics, the scientific research ability, and the quality of personnel training. The academic echelon with higher level and reasonable structure and a master's training platform with its own characteristics and advantages have gradually formed.

The Department of Mathematics has nationally recognized programs in

- Algebra;
- Partial differential equations;
- Classical and complex analysis;
- Probability and statistics;
- Functional analysis;.....

After the introduction of talents and the self-development of teachers in recent years, the number of graduate tutors in this discipline has been growing steadily, and the doctoral degree rate of tutors has risen to 57.2%, including two doctoral tutors and one tutor with an overseas doctoral degree.

Each research team has a spirit of solidarity and cooperation, and has a high level of teaching and research capabilities. Over the years, fruitful research work has been carried

out on

- Hopf algebra and quantum group,
- differential equations and their calculations,
- probability statistics and their applications,
- closely integrated mathematics with our dominant disciplines (such as agronomy, biology, etc.).

Bioinformatics, mathematical biology and biostatistical research have been carried out and some achievements have been made.

In the past five years, we have undertaken 46 scientific research projects, including 11 NSFC projects, 7 provincial and ministerial projects, 28 Central University projects, school-level projects and college projects. More than 100 papers have been published, including more than 70 SCI papers.