

# Welcome to the Homepage of ***Department of Mathematics and Statistics***

[Calculus at Binghamton](#) Check out the [Problem of the Week](#).





The Department of Mathematics and Statistics (DOMS) is a vibrant community where mathematicians and statisticians converge to explore, innovate, and educate. We offer a comprehensive range of academic programs, spanning the bachelor's, master's, and doctoral levels. Thus, besides our faculty and postdoctoral visitors, our community includes a large and valuable cadre of hard-working and talented undergraduate and graduate students.

At the undergraduate level, we have two kinds of degrees: general degrees for majors in Mathematical Sciences are labeled **Bachelor of Arts (BA)**, while our more intensive undergraduate degrees are labeled **Bachelor of Science (BS)**. There are both mathematics tracks and actuarial science tracks within both degrees. For the BA degree, there is also a track in Statistics. A minor in mathematics is also possible.

At the graduate level, we have the **PhD in Mathematical Sciences**, **Master of Arts (MA) in Mathematics**, and **MS in Data Science & Statistics** degrees. The latter includes a 4+1 program in which students can earn a BA or BS in Mathematical Sciences alongside a master's degree within five years.

While our highest degree is a PhD in *Mathematical Sciences*, a significant number of our doctoral dissertations are written on research topics in *Statistics*.

All faculty members and postdoctoral visitors are active researchers. The main areas of concentration in the department are: **Algebra, Analysis, Combinatorics, Geometry/Topology** and **Statistics**. Additionally, there is active research that falls between and bridges the main areas. See the Research Areas page for more specific research topics.

*The photos above were taken by Jinghao Li, Ph.D. 15'.*

## Latest Department News

Click [here](#) for the full news archive.

### 2024 Spring Department picnic photos

Pictures from the picnic on April 28, 2024 at Otsiningo Park are at this link: [Picnic](#)

2024/04/29 17:18

### 2023 Spring Department picnic photos

Pictures from the picnic on May 7, 2023 at Otsiningo Park are at this link: [Picnic](#)

2023/05/11 19:57

[Older entries >>](#)

*Suggestions and comments about the website can be sent to [webmaster@math.binghamton.edu](mailto:webmaster@math.binghamton.edu)*

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