2024/03/05 19:34 1/3 Homepage

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 <u>undergraduate</u> 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 is both a track in *Mathematics* and a track in *Actuarial Science* within each degree. For the BA degree, there is also a track in *Statistics*. For more details, see the page on the <u>undergraduate programs</u>. Additionally, we offer a minor in mathematics, enabling students from other disciplines to enrich their academic journey.

At the <u>graduate</u> level, we have the **PhD in** *Mathematical Sciences*, **Master of Arts (MA) in** *Mathematics*, and **MA in** *Statistics* degrees. We cooperate with the Department of Teaching, Learning and Educational

2024/03/05 19:34 3/3 Homepage

Leadership in their Master of Arts in Teaching (MAT) degree for future high school teachers. There is also a 4+1 option for both the MAT and the MA in <u>Statistics</u> degrees, allowing a student to obtain both a bachelor's degree and a master's degree within five years. Read the page on <u>Graduate Programs</u> for more details, including information about **financial support for graduate students**.

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 <u>main areas of concentration</u> 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 <u>Research Areas</u> 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.

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

2022 Spring Department picnic photos

Pictures from the picnic at Arnold Park are at this link: Picnic

2022/05/26 18:55

Older entries >>

Suggestions and comments about the website can be sent to webmaster@math.binghamton.edu

From:

https://www2.math.binghamton.edu/ - Binghamton University Department of Mathematics and Statistics

Permanent link:

https://www2.math.binghamton.edu/p/start

Last update: **2024/03/05 18:40**

