Math Major Tracks

There are lots of options for mathematics majors at The Ohio State University.

In the Mathematics Department at The Ohio State University, we offer a number of tracks for mathematics majors.

Applied Math Track Just as the name indicates, this track utilizes mathematics as it applies in real-life situations. By building a strong foundation in mathematics and its application to industrial and physical sciences, students completing this track will be well prepared for a career or graduate-level study in engineering, computer science, physics, architecture, and more.

Biological Math Track Complexity and diversity of mathematical models and quantitative data applied in life sciences has increased dramatically over the years. This track prepares students for research-based careers and graduate studies in biological and medical fields such as (but not limited to) genomics, neuroscience, and molecular modeling.

Educational Math Track Interested in teaching math at the secondary or even post-secondary level? By learning the foundational logic within a wide scope of math topics from calculus to abstract algebra, this track helps to generate strong educators with exemplary content knowledge as well as the ability to analyze, decipher, and explain math in diverse ways.

Financial Math Track The financial industry is one of the most prominent and complex industries in the world today. With a strong computational background highlighting statistics and probability, students in this track will be competitive candidates in any corporate or commercial based career within the finance, investment, real estate, or banking industry.

Theoretical Math Track Also known as "pure" mathematics, theoretical mathematics explores the basic concepts and structure beneath many math topics ranging from geometry to analysis. With elective options constructed as a part of this track, students are able to personalize the major to meet the needs of their future career/academic goals or highlight particular fields of interest.

Question 1 *What is the most advanced mathematics course you have completed?*

Question 2 *Which track (if any) are you in now?*

Question 3 *Which track(s) might you be interested in?*