

# APPLIED AND COMPUTATIONAL MATHEMATICS, MS

The MS in Applied and Computational Mathematics provides students with a rigorous, modern training in applied and computational mathematics and in the mathematics of data. The program is targeted to students with an undergraduate degree in mathematics or other quantitative disciplines such as computer science, statistics, economics and engineering. Through foundational and advanced coursework, students gain a strong combination of quantitative and computational skills as well as data fluency, positioning them for careers in industry or for advanced studies. Students can satisfy the 30-credit requirement in 12 to 24 months, with accelerated paths supported by relevant summer course offerings. Graduates are well-prepared for roles in information technology, finance, engineering, research, and education – particularly within the rapidly growing sectors of machine learning and artificial intelligence – or to pursue a PhD in the mathematical, statistical, and computational sciences.