# **Mathematics**



## Math major at a glance

### **Build a strong foundation**

in a wide variety of math areas and their applications: Calculus 1-3

Linear Algebra Fundamentals of Mathematics Real Analysis and Abstract Algebra.

### **Explore applications of mathematics**

in Computer or Data Science, Physics, and other areas in addition to the strong liberal arts core of SJU.

### **Gain practical experience**

through internships or expand your knowledge by independent research study with our faculty.

## **Job opportunities**

100% of our recent graduates are employed full time or pursuing additional education after completing the program with a median starting base salary of \$63,000.

Our graduates have careers in industry and government (information technology, finance, insurance and national security) or have earned advanced degrees at institutions such as Penn, Princeton, Cornell, Duke, and Cambridge U.

# **Flexibility**

# Pair mathematics with other interests

#### **Free electives**

Data Science, Business, Physics, Chemistry, Engineering, Finance, Biology, Education, Pharmacy or Health Sciences

### **Program electives**

Probability, Statistics, Number Theory, Differential Equations, Numerical Analysis, Optimization, Differential Geometry and others

### **Mathematics faculty**

are deeply involved in teaching, mentoring and advising and have a wide variety of research expertise and industry connections.

# **Dedicated to your success**

### Interested in Math Education?

Our Math Education graduates have teaching careers or earned advanced degrees in Math and STEM Education.

### For more information contact

Lia Vas, Ph.D.
Professor and Chair
Department of Mathematics
Ivas@sju.edu