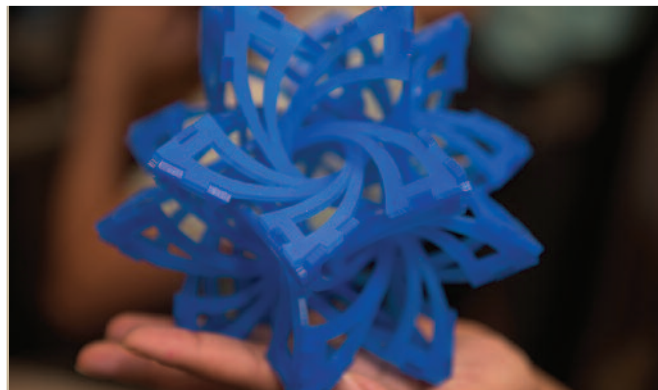


# DEPARTMENT OF MATHEMATICS



## FROM THE CHAIR

Welcome to the SCSU Mathematics Department!

If analyzing problems, thinking abstractly, and applying mathematical knowledge to the world around you is of interest, then consider a major or minor in mathematics. Our mission is to provide students with coursework and extra-curricular experiences that will enable them to meet and exceed the requirements for teaching mathematics at the secondary level, become successful in a mathematics-related career in business, industry, or government, or to pursue graduate studies in mathematics. In 2015, our certification program was nationally recognized by the National Council for Accreditation of Teacher Education. Classes for mathematics majors are small, ranging from 15-25 students.

Our faculty is actively involved with students through the Mathematics Club activities, collaborations in weekly problem-solving seminars, trips to conferences, and participation in regional and national competitions. Our top students have the opportunity to do a senior research experience with a faculty member by doing an honors thesis.

**Dr. Therese Bennett**  
*Department Chair*



## WHY MAJOR IN MATHEMATICS?

Mathematicians are among the most sought-after applicants for their creative thinking and problem solving abilities. Mathematicians, statisticians, actuaries, and other math-related jobs are on the top ten list of most desirable careers.

## WHAT WE OFFER

- Our **B.S. in Applied Mathematics** prepares students with the background and expertise for jobs in the mathematics industry, and/or graduate schools.
- Our **B.S. in Secondary Education Certification** prepares students for careers as mathematics teachers in grades 7-12.
- Our **B.A. in Mathematics** offers students the opportunity to tailor some of the mathematics courses to their specific interests. This is the best choice for students intending to do graduate work in pure mathematics; and Elementary Education majors often choose this degree as their second academic major.



## STUDENT SUCCESS

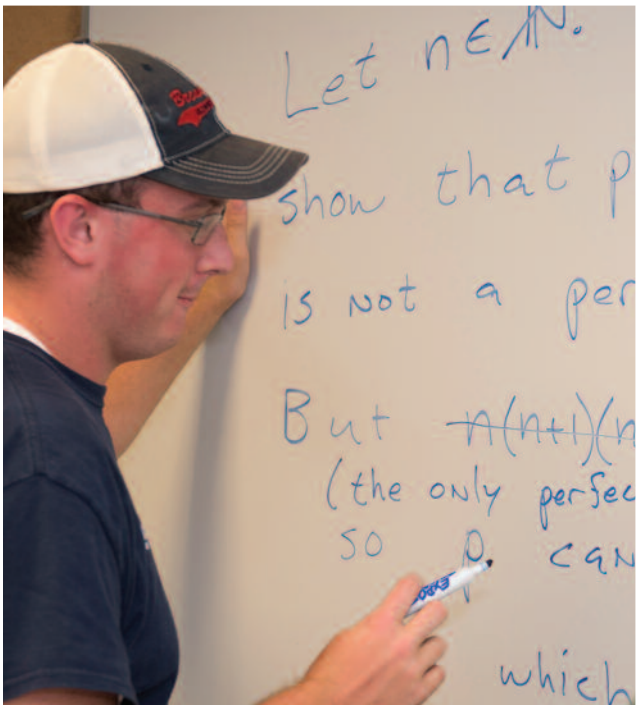
Southern students have placed in the top 20 percent of teams internationally in the COMAP mathematics modeling competition.

Students have also scored in the top 20 percent in the renowned Putnam competition.

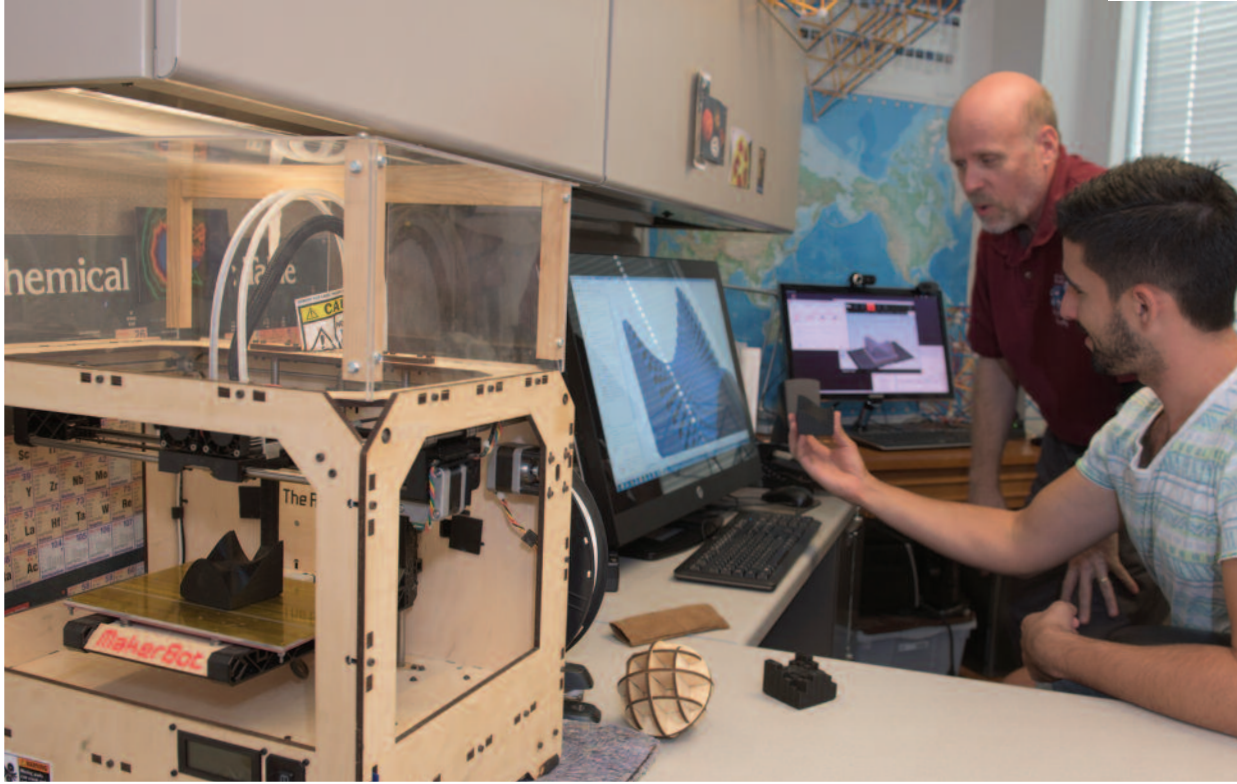
Our graduates are now teachers, curriculum specialists, department chairs, principals, actuaries, data analysts, statisticians, aeronautical engineers, or financial analysts in schools and industries across the northeast.

Some of our alumni have gone to graduate school to specialize in fields such as statistics, bioinformatics, discrete mathematics, and abstract algebra.

The Mathematics Department offers a minor to complement a variety of majors including biology, computer science, earth science, economics, physics, political science, psychology, and liberal studies.



ANALYZE



## MATH CLUB

This vibrant student-led group meets biweekly to solve fun mathematical problems, build mathematical structures, or discuss current mathematical topics in the world, while enjoying pizza  $\pi$ ! Each January, several members attend the national Joint Mathematics Meetings, the largest meeting of mathematicians in the country.

## PUTNAM COMPETITION PROBLEM SOLVING SEMINAR

A group of dedicated students and faculty meet each Friday for pizza and problem solving. This seminar serves as a preparation for the national Putnam competition held in December.

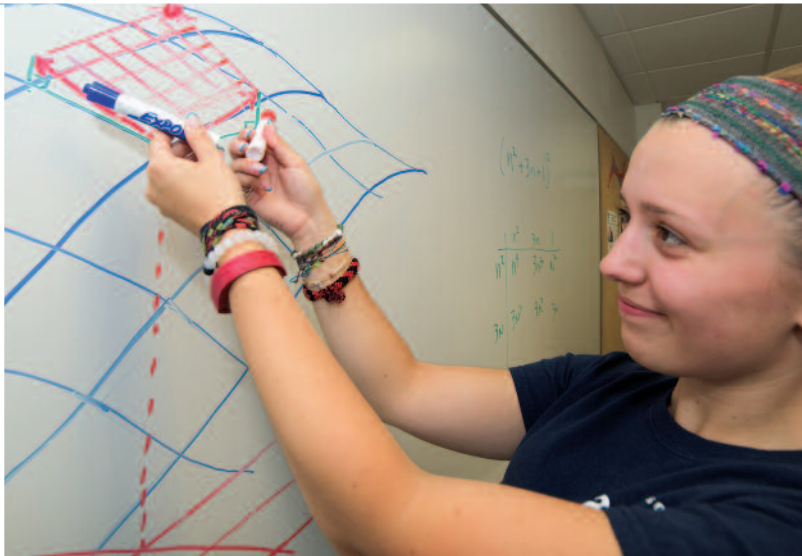
## COMPETITION AND CONFERENCES

The mathematics faculty takes pride in connecting our students with the mathematics community. Each year SCSU students attend and participate in regional and national mathematics competitions and conferences, including NES-MAA, joint AMS/MAA, Spuyten Duyvil, and Hudson River Valley.

## GEOGEBRA INSTITUTE OF SOUTHERN CONNECTICUT

As part of our ongoing commitment to GeoGebra training and support, we offer professional development opportunities, workshop resources, and classroom materials for both pre-service and in-service teachers.

APPLY



For More Information  
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