



## YOUR SUMMER RESEARCH DESTINATION


Since 2010, Winthrop undergraduates have spent their summers participating in mathematics research projects. Current topics include graph theory, modern algebra, probability theory, mathematics education, and mathematical oncology. More than 90 students have participated in mathematics research over the past eight years, with funding provided by alumni, Winthrop University and a variety of external sources including an NSF-funded Research Experience for Undergraduates program. Since 2010, seven former summer researchers have enrolled into doctoral programs.

## DEPARTMENT OF MATHEMATICS

“There are many opportunities and experiences that I have had here that I might not have been able to participate in had I gone to another school with less interaction between faculty and students.”  
– Mathematics alum


Our mathematics faculty at Winthrop is committed to ongoing scholarly activity that includes searching for new mathematical results, placing modern mathematics in its cultural and educational context, producing pedagogical materials of high quality, working with area K-12 educators, and consulting with area businesses and organizations. This program not only prepares students for graduate study if they choose to, but also offers multiple opportunities to experience math as it is practiced in business and industry. You can participate in mathematical modelling, do undergraduate research one-on-one with a professor or take classes designed to show you how to solve problems as they arise out “in the real world.”

## SO WHY WINTHROP?




**Advanced Study**

Formal undergraduate research opportunities better prepare students for graduate studies and higher-level careers.



**Mathematical Modeling**

More than 90 percent of recent graduates stated that they used data driven from actual mathematical problems.



**Close-Knit Community**

Students talk with professors outside of the classroom and study together in groups more frequently than the national average.

 **Questions? Contact Us!**

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