

## Why Math?

Love sports? Earn a **degree in mathematics** and become a sports statistician - keeping all the latest stats on players in your favorite sport.

Are you organized and efficient? **Mathematics can lead you** into the field of operation research - work in corporate UPS and figure out how to get the most packages delivered in the least amount of time.

Want to pilot an airplane? A mathematics degree can help you **build the foundation** to pursue a master's in aeronautical engineering.

Do you think that poker and blackjack players win because of luck? You might be surprised to know that **it is all about mathematics**. The winning players know how to figure out the probabilities to get that certain hand to win.

## Are there job opportunities for a math major/minor?

The **National Security Agency Mathematical Sciences Program (MSP)** was started at NSA in 1987 in response to an increasingly urgent need to **support mathematics in the United States**. Indeed, the NSA realizes the mutual benefits of maintaining a vigorous academic community.

For updated statistics and information, check out our Career Services website at [http://www.reinhardt.edu/career\\_services](http://www.reinhardt.edu/career_services)

## Our Faculty Members



Math Program Coordinator:  
Dr Richard Summers,  
Professor.  
[RDS@Reinhardt.edu](mailto:RDS@Reinhardt.edu)  
770 720 5597



Math Education Program  
Coordinator  
Mrs. Elizabeth Smith,  
Assistant Professor.  
[EAS1@Reinhardt.edu](mailto:EAS1@Reinhardt.edu)  
770 720 9103



Mrs Robin McNally,  
Assistant Professor.  
[RCM@Reinhardt.edu](mailto:RCM@Reinhardt.edu)  
770 720 5566



Dr Francesco Strazzullo,  
Assistant Professor.  
[FS1@Reinhardt.edu](mailto:FS1@Reinhardt.edu)  
770 720 5904

School of Mathematics and Science

7300 Reinhardt College Circle

Waleska, GA 30183-2981

Fax (770) 720-5602

<http://www.reinhardt.edu/math>



*Shaping Lives – Building Futures*



**Bachelor of Science (B.S.) in  
Mathematics**

or

**Bachelor of Science (B.S.) in  
Secondary Mathematics Education**

**The Key to  
Your Future!**

*Feed both sides of your brain!*

## Mathematics Can Take You Anywhere

As a **mathematics major** at Reinhardt, you will learn the skills you need to use math in the everyday world. The Bachelor of Science (B.S.) in Mathematics program prepares you to enter the workforce ready to apply mathematics creatively in many different careers and fields including: business, engineering, science, education and programming. At the same time, you will learn the mathematical way of thinking required for further study in graduate school.

**Major in mathematics at Reinhardt** and learn how to answer the questions that people care about.

### *What Can You Do With a Minor in Mathematics?*

A minor in mathematics combined with a biology major can give a student the ability to do mathematical modeling in biology. These mathematical models can be useful in ecological studies, cancer control, medical statistics, etc. In fact, it was just recently revealed that mathematical models for stents can greatly improve their design and utility.

A minor in mathematics combined with a business degree could help you understand complex financial models that might help improve the economy.

## Caring, Committed, and Convenient Faculty

The mathematics faculty follow the three C's — caring, committed and convenient — in mentoring students. The faculty care about your success and are committed to helping you not just memorize, but understand math. In the tutoring lab or during a soccer practice, all faculty are convenient to reach whenever you need help with a math problem ... or two.

*Susanna Long, a junior from Rydal, Ga, said:*

*"The math program means a lot to me and my plans to become a future math educator.*

*The professors are very approachable and always willing to devote their time to helping students during and after class."*

### *Field Experience & Student Teaching*

Spending time with real students in the classroom is vitally important in the Price School of Education, so you will have a number of field experience opportunities prior to student teaching. A Price School of Education faculty member and your high school math mentor will structure your field experience so that you effectively design lesson plans and then implement them with high school students. You will reflect on each lesson and determine what you'll do differently the next time. By the time you reach your student teaching experience, you'll be ready and confident!

## Secondary Math Ed.

**Have you always been interested in mathematics?**

Do you want to share your expertise with high school students?

**Then you need to consider Secondary Math Education as your major!**

What You'll Learn:

- to integrate technology into your classroom.
- classroom management techniques and how best to support your students' learning.
- teaching strategies which meet the needs of diverse students.
- to analyze how your students are meeting curriculum objectives and how to design activities so your students are successful, not only in your class, but also in other classrooms and on state tests.

You will take a number of upper level math courses, such as Calculus I and II, Linear Algebra, College Geometry, Computer Programming among other classes. As you enhance your scientific knowledge, you'll learn teaching strategies that work with high school students and you'll learn how to use technology in a classroom, like smart-boards. As you develop into a quality math teacher, you'll be confident in teaching high school students and facilitating their mathematical learning.