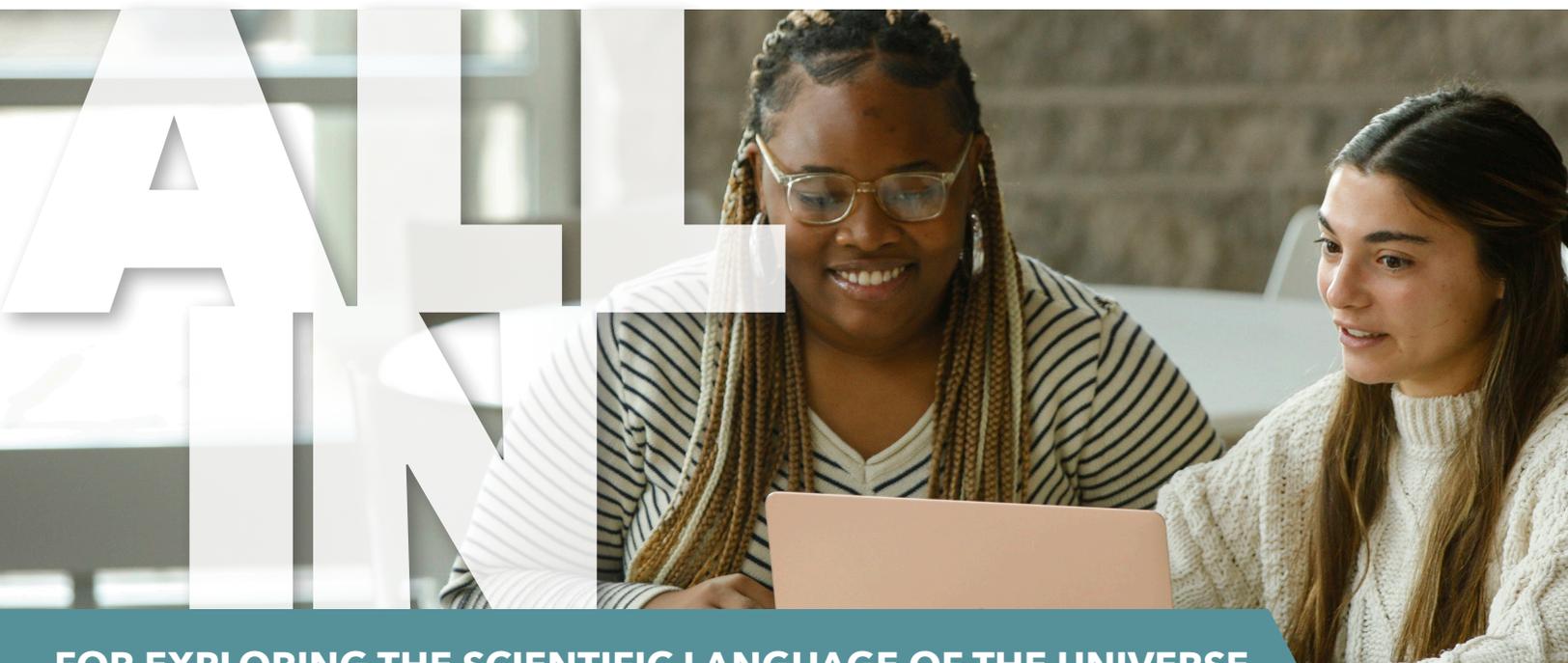


# COMPUTER SCIENCE, MATH, PHYSICS & ENGINEERING



FOR EXPLORING THE SCIENTIFIC LANGUAGE OF THE UNIVERSE

At Roberts, we're equipping you to grow in confidence, character, and technical expertise. We're all in for who you're becoming and what you'll do. **Are you ready to go all in and make your mark on the world?**

## EXPERIENTIAL & SCHOLARSHIP OPPORTUNITIES

Work one-on-one with caring professors in your chosen specialty. Explore opportunities through the National Science Foundation's Research Experience for Undergraduates.

You can also take classes at Rochester Institute of Technology, University of Rochester, or other Rochester area colleges to further explore the world of science, technology, engineering, and mathematics (STEM).

In addition to institutional and need-based aid, we offer special scholarships for students of this department.

## OUR GRADUATES WORK AS:

- Actuaries
- Data Analysts
- Engineers (multiple varieties)
- Physics Researchers
- Systems Analysts
- Teachers
- Video Game Developers
- And many more possible careers!

## Jumpstart Your Career

95% of Roberts graduates working in their field.

## Pursue Graduate Studies

You'll be prepared to pursue advanced degrees in many areas including economics, education, nuclear engineering, biomedical science, and more.

## Integrate Faith and Science

Discover how studying science can reveal the mysteries of God's creation.



**ROBERTS**  
WESLEYAN UNIVERSITY

# AVAILABLE MAJORS

**APPLY  
FOR  
FREE**



**At Roberts, we're ready to help you follow your unique calling. Customized educational pathways will prepare you for graduate school, your career, and beyond.**

## **ACTUARIAL SCIENCE**

Do you want a high-paying career in a growing field? Study Actuarial Science! Actuaries use data science and math to help businesses make financial decisions. Graduate prepared to pass two important certification exams from the Society of Actuaries.

## **ADOLESCENCE EDUCATION IN MATHEMATICS OR PHYSICS**

Become the teacher that makes learning fun and meaningful. Combine your passion for teaching with your love of math and science. Be prepared to become a New York State certified teacher for grades 7-12 with options for additional certifications.

## **COMPUTER SCIENCE**

Learn to apply your computer science skills in any industry. Analyze the depth of full-stack development, everything that makes apps work. Start building your professional toolbox from the very first class. Learn to program and prepare for a rewarding, lucrative career.

## **CYBERSECURITY**

Ready to shape the future of cybersecurity? Learn how to protect computer systems, devices, networks, and databases from digital attacks. Graduate ready to earn three resume-boosting certificates - Certified Ethical Hacker, Certified Information Systems Security Professional, and Certified Forensic Examiner.

## **DATA SCIENCE**

As a university rooted in Christianity, we'll teach you responsible and ethical data practices. You won't just excel in technical skills but also uphold the highest standards of integrity, privacy, and social responsibility, ensuring that the power of data is harnessed for the greater good. Extensive coding is not required.

## **ENGINEERING (CUSTOMIZABLE 3+2)**

Build a strong science foundation at a close-knit Christian campus while you earn two bachelor's degrees. You'll spend your first years at Roberts earning a science degree and finish your engineering bachelor's degree at one of our prestigious partner institutions:

- Clarkson University
- Rensselaer Polytechnic Institute
- Rochester Institute of Technology

Study foundational science and math, then dive deep into your chosen speciality, such as aerospace, biomedical, chemical, electrical, mechanical, microelectronic/nano, or nuclear engineering.

## **GAME DEVELOPMENT**

You already have the passion for gaming- now you just need the degree. Our program was built in collaboration with Unity, the most popular game engine in the world.

## **INFORMATION TECHNOLOGY**

Who does your family go to for tech issues? If it's you, it's time to earn your degree in Information Technology. This program was built with direct collaboration with Google. Project-based courses teach skills like web development, cloud computing, database management, information security, and more.

## **MATHEMATICS**

Multiply your career possibilities. Harness the power of analytic thinking, develop your character, and learn transferable skills. With a strong mathematics background, you will be prepared for both traditional and emerging professions, including education, business, actuarial science, and more.

## **PHYSICS**

Unlock the code God used to create the universe via applied labs, lectures, and meaningful experiences. Explore a variety of career paths, such as astrophysics, engineering, quantum physics, and plasma or high energy physics.