



COMPUTER SCIENCE, MATH, PHYSICS, & ENGINEERING

LEARN TO *Live*

EXPLORE THE SCIENTIFIC LANGUAGE OF THE UNIVERSE

At Roberts, you'll grow in confidence, character, and technical expertise. We're here to support who you're becoming and what you'll do.

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.

There are opportunities to take classes at nearby colleges, like the Rochester Institute of Technology and the University of Rochester to dive deeper into 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

- 91% of Roberts graduates are 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

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AVAILABLE MAJORS



ROBERTS
WESLEYAN UNIVERSITY

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

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. Combine your love of teaching with 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 code, build software, and understand full-stack development. Gain practical tools from your first course and prepare for high-paying roles across industries.

CYBERSECURITY

Learn how to protect computer systems, devices, networks, and databases from digital attacks. Graduate ready to earn 3 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. Excel in technical skills while upholding the highest standards of integrity, privacy, and social responsibility. Extensive coding is not required.

ENGINEERING (CUSTOMIZABLE 3+2)

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

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

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

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. You'll 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.

In STEM fields, job opportunities tend to grow faster than in most other professions.

Source: <https://www.bls.gov/emp/tables/stem-employment.htm>