

Mathematics



When you study mathematics at Westmont you actively participate in your learning and work closely with both students and professors.

You belong to a supportive community of mathematicians becoming fluent in the language of the natural world. You look beyond numbers and formulas to abstract patterns, using your imagination and stretching your creativity. As you develop deeper understanding of the fundamentals of mathematics, you'll become a well-educated and well-rounded person. Through your classes and work on research projects, you'll gain knowledge and skills that make you a better thinker and communicator and prepare you for interesting and rewarding careers.

SELECTED COURSES

- Calculus
- Discrete Mathematics
- Linear Algebra
- Real Analysis
- Problem Solving
- Codes and Encryption
- Complex Analysis
- Introduction to Subdivision Methods
- Probability and Statistics

CAREER PATHS

- Finance
- Accounting
- Education
- Software Development
- Biomedical Research
- Medicine
- Linguistics
- Law
- Operations Research
- Systems Analysis

FACULTY HIGHLIGHTS



RUSSELL W. HOWELL,
PH.D.

Views mathematics
through the eyes of faith



DAVID HUNTER, PH.D.

Looks for ways to
improve the teaching of
mathematics



MARIA VAN DER WALT,
PH.D.

A mathematician and
musician who applies
data science to diabetes



ANNA ABOUD, PH.D.

Pursues effective and
efficient processes
in mathematics,
data science, and
mathematics education

OPPORTUNITIES ABROAD



- Westmont's Europe Semester
- Westmont in Northern Europe
- Westmont's England Semester
- Westmont in Asia
- Budapest Semester in Mathematics

ALUMNI

Janet Watkins Ohru '96 completed a master's degree in linguistics after Westmont and works for Wycliffe Bible Translators in Indonesia teaching translating techniques to local Bible translation facilitators. The Wycliffe team will soon release its translation of the gospel of Mathew, with the gospel of John next in line.

Kyle Bechler '06 works as a data scientist with CBRE in Santa Barbara. In 2015, he completed his doctorate in statistics at UC Santa Barbara. His areas of expertise include predictive modeling, machine learning, leveraged credit, and financial modeling.

Carol Downes '12 is an assistant professor of mathematics at Hendrix College in Arkansas. After graduating from Westmont, she completed a doctorate in mathematics at Rice University. She thinks her time at Westmont prepared her well for graduate work, and she teaches a wide range of courses in the mathematics program at Hendrix.

Robby Cherry '06 earned a master's degree in education and coached cross country and track. He now teaches mathematics at Crean Lutheran High School in Irvine, Calif., and serves as an assistant coach for cross country and track and field.



WESTMONT

www.westmont.edu/mathematics