



Master of Science and Doctor of Philosophy

MATHEMATICS

A graduate degree in mathematics from West Virginia University provides you the foundation for a deeper understanding of how mathematics is developed and enables you to be competitive for positions in many industries. With about 25 research faculty and 50 graduate students, our faculty are accessible and welcoming. Our programs are flexible and give you the time to build your expertise from the ground up, while our classes are small with a lot of individual attention.

WVU is an excellent place to learn how to teach. Graduate assistants are trained under the direction of our dedicated graduate teaching assistant coordinator and work in our Institute for Mathematics Learning. Our graduate teaching assistants learn to develop and teach their own courses and experience a wide range of student learners.

After graduation, many of our alumni seek careers in teaching. Our PhD students have been very successful in obtaining faculty positions. Others work in areas like software development and data analysis or at government agencies such as the National Security Agency, National Institute of Standards and Technology, Department of Energy and Department of Defense.

RESEARCH AREAS

- / Algebra
- / Applied mathematics of biological systems
- / Computational astrophysics
- / Differential equations
- / Discrete mathematics (graph theory and combinatorics)
- / Mathematics undergraduate education
- / Set theory

MS APPLICATION CHECKLIST

- BA or BS in mathematics (or equivalent)
- Application submitted by Feb. 15
- Transcript
- TOEFL scores (international students only)

PhD APPLICATION CHECKLIST

- MS in mathematics (or equivalent)
- Application submitted by Feb. 15
- Transcripts
- TOEFL scores (international students only)

Visit graduateadmissions.wvu.edu for complete list of requirements.

FUNDING

Most graduate students are supported by graduate teaching assistantships, which include tuition, a stipend and health insurance. Some faculty offer research assistantships, and there is limited support through partial tuition waivers and part-time employment in the department.

CAREERS

- / Data analysis
- / Education
- / Government agencies
- / Software development

JOB PLACEMENT

MS

25%
work in
government or
industry.

25%
hold academic
positions.

50%
continue their
training as PhD
students.

PhD

20%
work in
government or
industry.

80%
hold academic
positions.

PROGRAM CONTACT

/ Jessica Deshler
Graduate Program Director
304-293-8939
Jessica.Deshler@mail.wvu.edu



WVU is an EEO/Affirmative Action Employer — Minority/Female/Disability/Veteran

320 Armstrong Hall | P.O. Box 6310
Morgantown, WV 26506
304-293-2011

math.wvu.edu