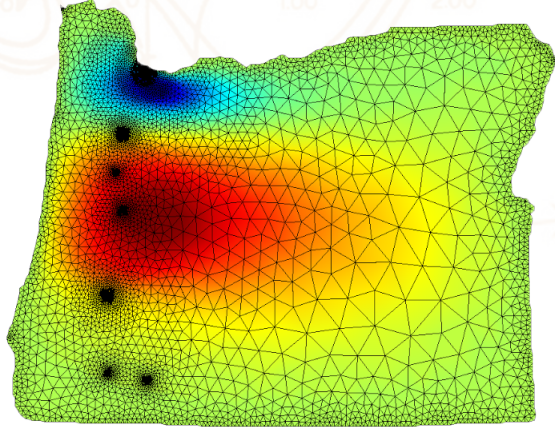


ACADEMICS

Research

Our faculty and students engage in research both in core areas of mathematics as well as in various interdisciplinary projects and grants. The research atmosphere is enhanced by weekly seminars and colloquia featuring lectures by local and visiting mathematicians, and the annual Lonseth and Milne lectures. Students have opportunities to attend regional, national, and international conferences.



"Flow in Oregon," collaborative project in a Finite Element class.

Classes

In the first years, students develop breadth in mathematics and establish a foundation for the area in which they will concentrate. PhD students typically complete a qualifying exam in the second year, followed by an oral exam. The coursework covers both core mathematics areas as well as specialty topics. The PhD and MS degree programs can include a minor in a different field as well as interdisciplinary studies. PhD students may opt to obtain a MS degree, and MS students may transfer to the PhD program.

Alumni

Our PhD and MS graduates hold faculty positions in the United States (Tulane, Cal Poly, UT Austin, and many regional universities and community colleges) as well as in Brazil, the United Kingdom, Canada, Colombia, Ireland, Kuwait, Korea, Nepal, New Zealand, Thailand, and other countries. Some work as actuaries (Milliman, Inc., State Farm, UNUM, Bookbyte E-Commerce, Republic Group, SAIF Corp.), in industry (Intel, Samsung and more), and in government and research labs (National Security Agency, Los Alamos, National Energy Technology Laboratory and Bonneville Power Administration).

STUDENTS

"I wanted to get a PhD specializing in probability and actuarial science, and OSU has faculty whose research overlaps with mine. My campus visit experience was wonderful, and I decided to join the program."
-S.L., PhD 2015

"I chose the OSU math department because of the unique opportunity to collaborate with other disciplines while getting a pure mathematics education. My advisors gave me an opportunity to present research at multiple conferences, do an internship, and make contacts that led to a postdoc position. Also, Corvallis is a great place to live and work!"
-C.M., PhD 2011

"The opportunity to work with highly skilled researchers from the Math Department at OSU got me where I am in my career today: happily employed and doing what I love, Math."
-V.K., PhD 2011

"As an international student, beside the robust program, I really liked the friendly environment and the funding. Also, international students appreciate the trust that the department gives to grad students as teaching assistants which builds our confidence and enhances our teaching skills."
-H.A., current student

"OSU's math faculty is very supportive of graduate students and have created an environment in which pushing oneself is encouraged and supported. Collaboration and peer learning is encouraged. This a great department for returning students."
-E.S., current student

"I came to Oregon State interested in applied mathematics, and chose to work in numerical analysis. I have had many excellent research opportunities since coming to OSU: internships and funding for my dissertation. This has allowed me to focus exclusively on research and has provided me with the tools and contacts to pursue a career in national labs or industry."
-D.M., current student

More at: math.oregonstate.edu/graduate-brochure

"Initially, I came to OSU because I fell in love with western Oregon. I totally lucked out that the math was also great. I was shocked at how approachable and sharp everyone was, from my professors to my fellow students. I really appreciate that I've had the opportunity to teach and TA a wide variety of course, from the first term of pre-algebra to the final bits of linear algebra."
-J.M., current student

"I chose OSU for the strong applied mathematics program. I'll be leaving OSU having accomplished everything I had hoped to accomplish in graduate school, and more. By the time I graduate I will have published more than 4 papers, presented research at 9 national and international conferences, worked collaboratively with peers in other disciplines, and have been offered my dream job in industry nine months prior to my defense date."
-T.C., class of 2016

MATHEMATICS



GRADUATE PROGRAM INFORMATION



FACULTY

Mary Beisiegel Mathematics Education
William Bogley Group Theory, Topology
Vrushali Bokil Numerical Analysis, Mathematical Biology, Applied Mathematics
Robert Burton Probability
Elaine Cozzi Analysis of PDEs
Radu Dascaliuc Analysis of PDEs
Patrick De Leenheer Mathematical Biology
Thomas Dick Mathematics Education
Tevian Dray Geometry, Relativity, Mathematical Physics, Mathematics Education
Christine Escher Algebraic Topology and Differential Geometry
Adel Faridani Numerical Analysis, Applied Analysis, Computed Tomography
David Finch Analysis, Computed Tomography
Mary Flahive Number Theory, Applications to Computer Science
Nathan Gibson Numerical Analysis, Uncertainty Quantification, Electromagnetics
Ren Guo Topology, Geometry
Robert Higdon Numerical Analysis, PDE, Applications to Ocean Modeling
David Koslicki Mathematical Biology, Probability, Bioinformatics
Yevgeniy Kovchegov Probability
Elise Lockwood Mathematics Education, Combinatorics
Mina Ossiander Probability, Stochastic Processes, Applications in the Physical and Social Sciences
Malgorzata Peszynska Numerical and Applied Analysis, Multiscale Modeling
Clayton Petsche Number Theory, Arithmetic Dynamical Systems
Petri Juha Pohjanpelto Geometry
Juan Restrepo Uncertainty Quantification, Applications in Oceanography and Physics
Thomas Schmidt Number Theory, Continued Fractions, Translation Surfaces
Ralph Showalter Analysis of PDEs, Modeling Diffusion and Deformation, Poromechanics
Holly Swisher Number Theory, Modular Forms, Partitions, Hypergeometric Series
Enrique Thomann Analysis of PDEs, Probability, Financial Mathematics
Edward Waymire Applied Probability

DEGREE PROGRAMS

OSU offers MS, MA, and PhD degrees in Mathematics. In our graduate program we typically have about 30 PhD and 40 MS students who come from various national and international undergraduate and masters programs, with degrees mostly (but not exclusively) in mathematical sciences. Each year we welcome 15-20 new graduates into our friendly and collaborative environment.

See more program information at:
www.math.oregonstate.edu/graduate

Graduate Assistantship Compensation

- complete tuition remission and nine-month stipend
- 85% of the student health insurance premium

Graduate Teaching Assistants teach their own classes or serve as assistants for larger classes. A full-time GTA workload of 16 hours/week typically involves 4-5 contact hours. Some students work as Graduate Research Assistants (GRAs) on research or education projects, funded by sources such as the NSF or DOE. GRAs are arranged depending on the availability of grant funds. Some students come with their own fellowships, or are self-supported. Applicants and current students are eligible for University fellowships and scholarships. Some teaching appointments, internships, and GRA appointments are available in the summer.

Apply to the Graduate Program:

www.math.oregonstate.edu/graduate-apply

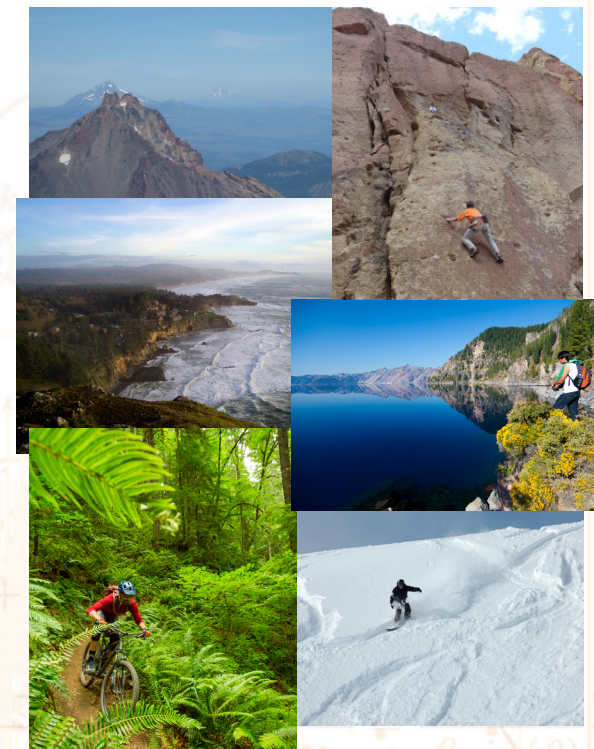
The annual application deadline is January 15th.

Contact Us!

Graduate Coordinator:
gradinfo@math.oregonstate.edu
ph: 541.737.5113
fax: 541.737.0517

OREGON

Nestled in the scenic Willamette valley of western Oregon, Corvallis is a small, vibrant city of about 50,000 residents. The university and the town are actively engaged in fostering cultural diversity, and healthy living. Nearby attractions include the rugged Oregon coast, the high Cascade mountains, and world-class rock climbing, skiing, and hiking adventures. Corvallis is bike-friendly, and ranks highly on national lists for quality of life, sustainability, and per capita level of innovation.



Distinctive Features of Our Program

- Collaborative working and studying environment
- Faculty support in coursework, research, and teaching
- Opportunities for teaching experience, including a Graduate Certificate in Undergraduate Teaching
- Opportunities for interdisciplinary minors and projects