

Master of Arts (MA) Requirements:

- 45 quarter hours of graduate-level mathematics courses (at least 12 of those hours 4000-level approved courses).
- No thesis is required.

Master of Science (MS) Requirements:

- Completion of MA requirements.
- Up to 15 quarter hours may be in an approved cognate area.
- Satisfying the tool requirement.

Doctor of Philosophy (PhD) Requirements:

- Completion of MS degree requirements.
- A minimum of 135 quarter hours.
- Passing of preliminary examinations.
- Completion of a written dissertation, and successful defense of the dissertation.
- Satisfying the tool requirement.

For more information, please visit: science.du.edu/math/graduate-degrees



Professor Dobrinen

Seminars

Seminars and Colloquia are offered to students every week:

- Algebra and Logic Seminar
- Analysis and Dynamics Seminar
- Graduate Colloquium
- Graduate Teaching Assistant Seminar
- Student-Only Seminar

Financial Support

Graduate Teaching Assistantships are merit based and are awarded on a competitive basis. The department offers 24 tuition waiver hours per academic year and a 2020-21 stipend of \$21,218 for PhD students, and \$18,655 for Masters students for the academic year.

Hammond Scholarships are awarded by the Math Graduate Committee to students with high GPAs who are pursuing degrees in mathematics.

John G. Daly Endowment provides support for research-related expenses of students in the department of Mathematics. These include travel expenses, books, and other materials supporting research endeavors.

Dean's Scholarships are awarded by the Dean of Natural Sciences and Mathematics to incoming graduate students. Nominations are made by the department.

Graduate Fellowships are awarded by the Vice Provost of Graduate Studies. These fellowships are generally one-year awards.

Employment Opportunities are available to assist students in the Math Center and to grade for first and second year undergraduate classes. This requires a commitment of 5 to 20 hours a week.

For more information, please visit: www.du.edu/admission-aid/financial-aid



UNIVERSITY of
DENVER

Department of Mathematics:

303-871-3344
Math-Office@du.edu
www.math.du.edu

Graduate Committee Chair:

Paul Horn
paul.horn@du.edu

Department Chair:

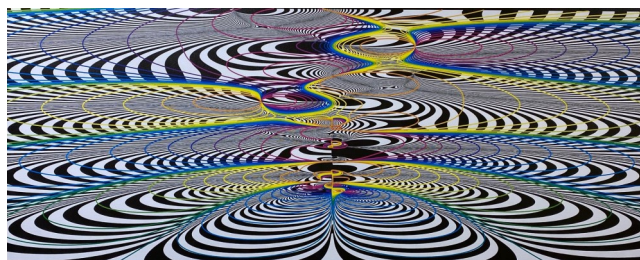
Petr Vojtěchovský
petr@math.du.edu

Our mathematics department:

- provides scholarships and graduate teaching assistantships
- offers MA, MS, and PhD degrees
- funds conference travel for graduate students
- is both large enough to provide high quality research opportunities and small enough to guarantee close faculty-student interaction
- offers graduate students an opportunity to learn within a vibrant intellectual community

How To Apply

- Fill out the graduate application form online at www.du.edu/admission-aid/graduate
- Submit current GRE scores (taken within the past five years), official undergraduate (and graduate, if any) transcripts, three letters of recommendation, and a personal statement.
- If you are an international student and your language of instruction was not English, provide a TOEFL score.
- Applications must be completed and received by the Department no later than February 1st to be given full consideration for a GTA award.



Artwork by Distinguished Professor Stan Gudder



University of Denver Campus

Where are they now?

Permanent Faculty

Kirk Boyer (2018): Google, Boulder, CO

Wesley Fussner (2018): Post-doctoral researcher, CNRS, Laboratoire J.A. Dieudonné

Lauren Nelsen (2019): Assistant Professor, University of Indianapolis

Dennis Pace (2018): Adjunct Professor, Colorado School of Mines

Gavin St. John (2019): Teaching Assistant Professor, University of Denver

Postdoctoral Scholars

Daniel Hathaway: Lecturer, University of Vermont

Katherine E. Perry: Assistant Professor, Soka University

Izabella Stuhl: Visiting Assistant Professor, Penn State

Seung Yeop Yang: Assistant Professor, Kyungpook National University

Faculty Research Areas

Permanent Faculty



Alvaro Arias: Functional analysis



Natasha Dobrinen: Set theory, Boolean algebras, mathematical logic, foundations of mathematics



Nikolaos Galatos: Lattice theory, ordered algebras, mathematical logic



Paul Horn: Spectral graph theory and probabilistic combinatorics



Shashank Kanade: Vertex operator algebras, tensor categories, integer partition identities and q-series



Michael K. Kinyon: Nonassociative structures, loops, quasigroups, history of mathematics



Frédéric Latrémolière: Functional analysis, C^* -algebras, noncommutative geometry, C^* -dynamics



Andrew Linshaw: Equivariant cohomology, invariant theory, vertex algebras and infinite-dimensional Lie algebras



Nicholas Ormes: Dynamical systems, ergodic theory, topology



Ronnie Pavlov: Dynamical systems, ergodic theory, symbolic dynamics



Frank Schroeck: Mathematical physics, foundations of quantum mechanics, quantum mechanics on phase space, quantum structures



Petr Vojtěchovský: Nonassociative algebra, latin squares, Yang-Baxter equation, computational algebra



Mei Yin: Phase transitions, random graphs, lattice spin systems, cluster expansions, renormalization and spectral theory

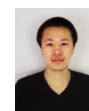


Postdoctoral Scholars

Sara Botelho-Andrade: Functional analysis, phase retrieval, quantum error correction



Christopher Jennings-Shaffer: Partition functions in number theory



Kang Lu: Representation theory, quantum algebra, and integrable systems



Scott Schmieding: Symbolic dynamics, algebraic k-theory, topological dynamics,



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