## Mathematics

### Department Information

- **Department Chair:**
  Friedrich Littmann, Ph.D.

- **Graduate Coordinator:**
  Indranil Sengupta, Ph.D.

- **Department Location:**
  412 Minard Hall

- **Department Phone:**
  (701) 231-8171

- **Department Web Site:**
  www.ndsu.edu/math (http://www.ndsu.edu/math/)

- **Application Deadline:**
  March 1 to be considered for assistantships for fall. Openings may be very limited for spring.

- **Credential Offered:**
  Ph.D., M.S.

- **English Proficiency Requirements:**
  TOEFL ibt 71; IELTS 6; Duolingo 100

### Faculty

- **Azer Akhmedov, Ph.D.**
  Yale University, 2004
  Research Interests: Group Theory, Low Dimensional Topology

- **Maria Angeles Alfonseca, Ph.D.**
  Universidad Autonoma de Madrid, Spain, 2003
  Research Interests: Fourier Analysis, Partial Differential Equations

- **Nikita Barabanov, Ph.D.**
  University of Kiev, 1979
  Research Interests: Differential Equations, Control Theory, Optimization, Neural Networks

- **Jason Boynton, Ph.D.**
  Florida Atlantic University, 2006
  Research Interests: Algebra

- **Catalin Ciuperca, Ph.D.**
  University of Kansas, 2001
  Research Interests: Commutative Algebras, Algebraic Geometry

- **Dogan Comez, Ph.D.**
  University of Toronto, 1983
  Research Interest: Ergodic Theory, Measureable Dynamics, Operator Theory

- **Josef Dorfmeister, Ph.D.**
  University of Minnesota, 2009
  Research Interests: Symplectic Topology

- **Benton Duncan, Ph.D.**
  University of Nebraska, 2004
  Research Interests: Operator Algebras, Noncommutative Functional Analysis

- **Torin Greenwood, Ph.D.**
  University of Pennsylvania, 2015
  Research Interests: Combinatorics

- **Friedrich Littmann, Ph.D.**
  University of Illinois, Urbana-Champaign, 2003
  Research Interests: Approximation Theory, Analytic Number Theory

- **Artem Novozhilov, Ph.D.**
Moscow State University of Communication Means, 2002
Research Interests: Mathematical Biology

Indranil SenGupta, Ph.D.
Texas A&M University, 2010
Research Interests: Mathematical Finance and Stochastic Processes

Jessica Striker, Ph.D.
University of Minnesota, 2008
Research Interests: Enumerative, Algebraic, Geometric and Bijective Combinatorics

Abraham Ungar, Ph.D.
Tel-Aviv University, 1973
Research Interests: Differential Equations, Integral Transforms, Wave Propagation, Special Relativity

Ivan Yegorov, Ph.D.
Lomonosov Moscow State University, 2014
Research Interests: Applied Mathematics