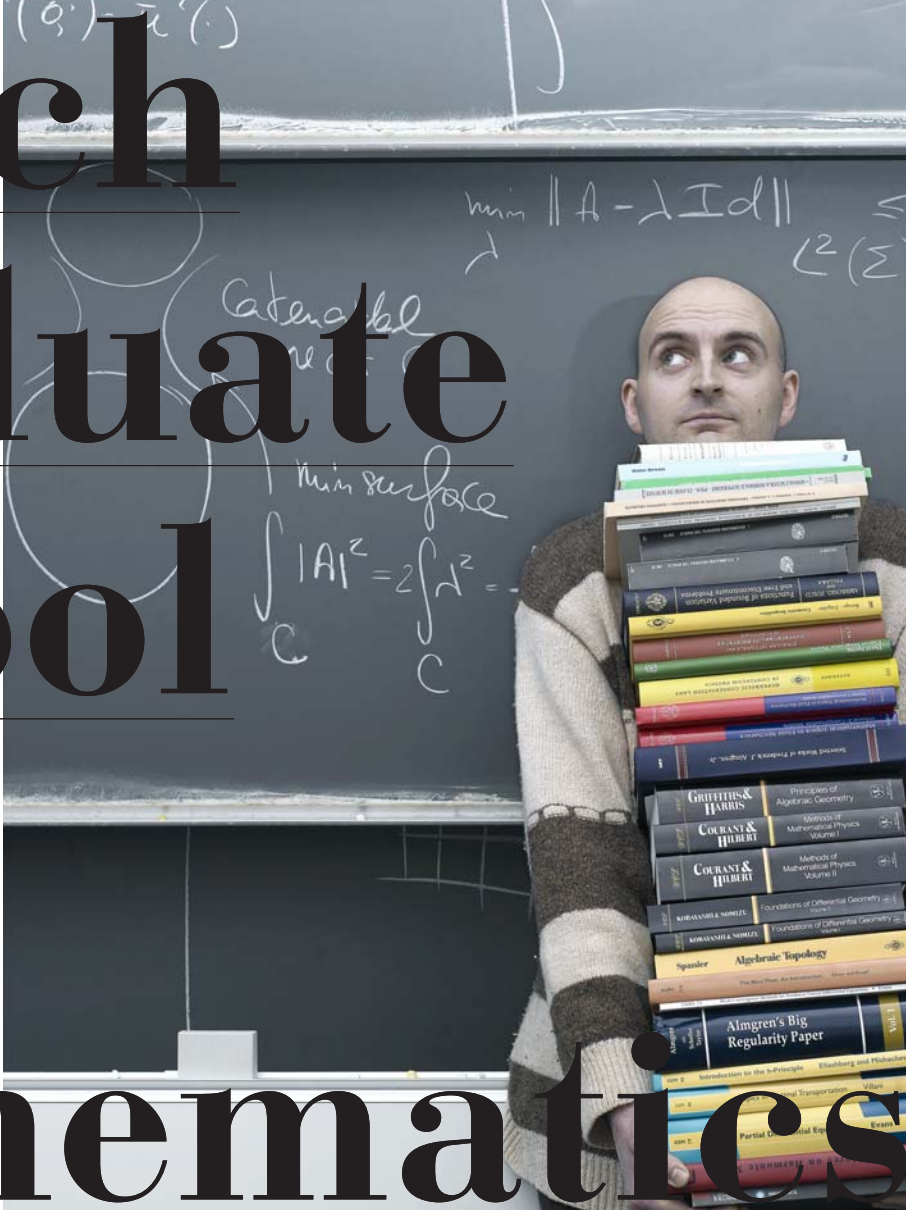


The Zurich Graduate School in Mathematics is a joint venture of the mathematics departments at the ETH and the University of Zurich. The research areas of the doctoral program are Algebra and Topology, Analysis, Discrete Mathematics, Geometry, Insurance Mathematics, Mathematical Finance, Mathematical Physics, Number Theory, Numerical Analysis and Applied Mathematics, Operations Research, Probability Theory, Scientific Computing, Statistics.

The Zurich Graduate School in Mathematics offers a broad spectrum of activities for further qualification including graduate courses, research seminars, lectures, workshops, summer schools, conferences and international cooperation and exchange.

# Zurich Graduate School in Mathematics

A man in a striped sweater stands in front of a chalkboard, holding a tall stack of books. The chalkboard behind him is filled with mathematical equations and diagrams. The equations include  $(0) = z^2(\cdot)$ ,  $\min \|A - \lambda Id\| \leq C$ ,  $L^2(\Sigma)$ , "Caterpillar", "min surface", and  $\int_C |A|^2 = 2 \int_C \kappa^2 =$ . The stack of books includes titles like "Griffiths & Harris: Principles of Algebraic Geometry", "Courant & Hilbert: Methods of Mathematical Physics", "Almgren's Big Regularity Paper", and "Algebraic Topology".

[www.zurich-graduate-school-math.ch](http://www.zurich-graduate-school-math.ch)

# Zurich Graduate School in Mathematics

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## Research areas

**Algebra and Topology, Analysis, Discrete Mathematics, Geometry, Insurance Mathematics, Mathematical Finance, Mathematical Physics, Number Theory, Numerical Analysis and Applied Mathematics, Operations Research, Probability Theory, Scientific Computing, Statistics**

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## Program

Graduate courses, research seminars, lectures, Workshops, summer schools and conferences, Exchange programs with other universities.

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## PhD Positions

The Zurich Graduate School in Mathematics has a large number of PhD positions in all research areas. Successful applicants are offered a teaching assistantship for the duration of their studies. For outstanding applicants the Zurich Graduate School in Mathematics has a limited number of one-year **scholarships** without any teaching duties.

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## Language Courses

Lectures are given in English or German, with many of the more advanced classes being held in English. However, a good knowledge of German is a requirement for a teaching assistantship. The Zurich Graduate School in Mathematics offers intensive German language courses specially designed for its graduate students.

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## Application

Requirements: At the start of the 3-year doctoral program a student is required to have a master's or a diploma degree in mathematics or applied mathematics.  
How to apply: Applications and supplementary documents have to be submitted online via the application form available on our homepage.  
Deadlines: April 30, September 30, December 31

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**[www.zurich-graduate-school-math.ch](http://www.zurich-graduate-school-math.ch)**

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