MATHEMATICS, PHD

for the Doctor of Philosophy in Mathematics

department chair: Jeremy Tyson
director of graduate studies: Lee DeVille
overview of admissions & requirements: https://math.illinois.edu/admissions/graduate-program-mathematics-admissions#Math-PhD
overview of grad college admissions & requirements: https://grad.illinois.edu/admissions/apply
department website: http://www.math.illinois.edu
department faculty: https://math.illinois.edu/research/faculty-research and https://math.illinois.edu/directory/faculty-by-type
college website: https://las.illinois.edu/
department office: 273 Altgeld Hall, 1409 West Green Street, Urbana, IL 61801
phone: (217) 333-5749
e-mail: math-grad@illinois.edu

Graduate Degree Programs in Mathematics

Actuarial Science, MS (http://catalog.illinois.edu/graduate/las/actuarial-science-ms)
Applied Mathematics, MS (http://catalog.illinois.edu/graduate/las/applied-mathematics-ms)
Mathematics, MS (http://catalog.illinois.edu/graduate/las/mathematics-ms)
Mathematics, PhD (p. 1)

optional concentrations:
Actuarial Science & Risk Analytics (http://catalog.illinois.edu/graduate/las/mathematics-phd/actuarial-science-risk-analytics)
Computational Science and Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering)
Teaching of Mathematics, MS (http://catalog.illinois.edu/graduate/las/teaching-mathematics-ms)
Computational Science and Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering)

Students working toward a Ph.D. degree usually require from four to six years to complete the requirements. Each student must pass the comprehensive examinations (testing the student's knowledge of basic graduate-level mathematics in algebra, analysis, and other areas) and the preliminary examination (testing the student's ability to begin or continue research in a chosen field). Students must also write and defend a research thesis in their field of mathematics.

For additional details and requirements refer to the department's Guide to Graduate Studies (https://math.illinois.edu/academics/graduate-program-mathematics) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook).