MATHEMATICS: ACTUARIAL SCIENCE & RISK ANALYTICS, PHD

for the Doctor of Philosophy in Mathematics, Actuarial Science and Risk Analytics Concentration

Department chair: Vera Hur
Director of graduate studies: Yuliy Baryshnikov
Overview of admissions & requirements:
Department website: http://www.math.illinois.edu
Program website: https://math.illinois.edu/admissions/graduate-program-mathematics-admissions#Math-PhD
Department faculty: https://math.illinois.edu/research/faculty-research/actuarial-science
College website: https://las.illinois.edu/
Department office: 273 Altgeld Hall, 1409 West Green Street, Urbana, IL 61801
Phone: (217) 333-5749
Email: math-grad@illinois.edu

The Concentration attracts students with strong interest in financial risk analytics and actuarial applications of mathematics, and equips them with advanced analytical tools for professional and academic careers. Students in the Concentration complete coursework or professional exams in Probability, Risk Modeling and Analysis, Mathematical Statistics, Theory of Finance, and Actuarial Models for Life Contingencies or Financial Economics.

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 (http://catalog.illinois.edu/graduate/las/mathematics-phd/)

Optional concentrations:
  Actuarial Science & Risk Analytics (p. 1)
  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/)