

Top 20 PhD Programs (Quantitative Finance / Financial Engineering / Financial Mathematics)

United States – Finance & Financial Engineering Focus

1. **Stanford University — PhD in Finance (Graduate School of Business)** – Very strong quantitative research emphasis and excellent quant placement.
2. **Massachusetts Institute of Technology (MIT) — PhD in Finance / OR in Financial Engineering (~Sloan/Engineering)** – Deep rigor in quantitative finance, econometrics, and risk.
3. **University of Chicago — PhD in Financial Mathematics / Finance** – Highly quantitative, excellent research placement.
4. **University of Pennsylvania — PhD in Finance** – World-renowned faculty and research in asset pricing, stochastic modeling.
5. **New York University — PhD in Finance** – Rich quantitative methods track and strong Wall Street connections.
6. **University of California, Berkeley — PhD in Business Administration with finance track / ORFE options** – Excellent applied math + finance.
7. **Carnegie Mellon University — PhD in Computational Finance/Operations Research** – Very technical; strong quant placement.
8. **Cornell University — PhD in Operations Research + Financial Engineering** – Strong OR/financial engineering R&D.
9. **Columbia University — PhD in Industrial Engineering & Operations Research (ORFE)** – OR with financial applications.
10. **North Carolina State University — PhD in Financial Mathematics / Applied Math** – Academic and quantitative placement.
11. **Texas Tech University — PhD in Mathematical Finance** – Combines applied math with quantitative finance research.
12. **Stony Brook University — PhD in Quantitative Finance** – Strong in computational finance and applied mathematics.
13. **Boston University — PhD in Mathematical Finance** – Focused on rigorous financial math theory.
14. **Florida State University — PhD in Financial Mathematics** – Mathematical focus with finance applications.
15. **University of Central Florida — PhD with financial math/quantitative finance options** – Emphasis on financial modeling.

International / Interdisciplinary PhD Strength

16. **ETH Zurich — PhD in Mathematics with finance focus** – Top global math dept / quantitative research.
17. **University of Cambridge — PhD in Finance / Financial Economics** – Very strong quantitative theory research.
18. **University of Oxford — DPhil in Financial Economics** – Combines rigorous economics + quant methods.
19. **Tinbergen Institute (Netherlands) — PhD programs in Economics/Econometrics & Finance** – Highly ranked in quantitative economics and finance research.
20. **Peking University — PhD in Finance** – Strong quantitative finance research in Asia.