

DATA ANALYTICS IN FINANCE GRADUATE CONCENTRATION

Gies College of Business

College website (<https://giesbusiness.illinois.edu/>)

Graduate College Admissions & Requirements (<https://grad.illinois.edu/admissions/apply/>)

for the Data Analytics in Finance Concentration

The Data Analytics in Finance Concentration is open to students enrolled in:

Finance, MS (<http://catalog.illinois.edu/graduate/bus/finance-ms/>)

Financial Engineering, MS (http://catalog.illinois.edu/graduate/bus_engineering/financial-engineering-ms/)

Business Analytics, MS (<http://catalog.illinois.edu/graduate/bus/business-analytics-ms/>)

The Data Analytics in Finance Concentration is designed to develop graduates who understand:

- how to apply data analytics in a variety of financial contexts including investment and policy decisions;
- critically solve business problems using data-intensive economic and financial information; and,
- synthesize and effectively communicate data-intensive information, findings, and conclusions to others, including supervisors, peers, and clients.

This concentration will not only provide a strong technical knowledge of data analytics topics, but also provide students multiple opportunities to apply this knowledge via experiential learning opportunities.

Admission

Candidates will apply to the Department of Finance for admission into the concentration. Students wishing to be admitted to the concentration should consult with their program advisor before applying.

for the Data Analytics in Finance Concentration

Code	Title	Hours
FIN 550	Big Data Analytics in Finance for Predictive and Causal Analysis	4
Choose any two of the following:		
FIN 552	Applied Financial Econometrics	4
FIN 537	Financial Risk Management	4
FIN 553	Machine Learning in Finance	4
FIN 555	Financial Innovation	4
FIN 557	Financial Data Management and Analysis	4
FIN 580	Special Topics in Finance	4
Total Hours		12

for the Data Analytics in Finance Concentration

Finance

Department Chair: Louis Chan

Director of Graduate Studies: Martin Widdicks (MSF)

Department website (<https://giesbusiness.illinois.edu/msf/>)

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