

# **Finance and Banking**

## **Wharton Business & Financial Modeling Program**

### **Curriculum**

#### **Program Outline**

##### **Module 1: Introduction to Business & Financial Modeling**

- Basics of financial modeling and its importance.

##### **Module 2: Quantitative Modeling I**

- Techniques for creating quantitative models.

##### **Module 3: Quantitative Modeling II**

- Advanced quantitative modeling strategies.

##### **Module 4: Linear Optimization I**

- Methods for optimizing financial models using linear techniques.

##### **Module 5: Linear Optimization II**

- Advanced linear optimization techniques.

##### **Module 6: Nonlinear Optimization I**

- Methods for optimizing financial models using nonlinear techniques.

##### **Module 7: Nonlinear Optimization II**

- Advanced nonlinear optimization techniques.

##### **Module 8: Monte Carlo Simulation I**

- Applying simulation techniques in financial modeling.

#### **Module 9: Monte Carlo Simulation II**

- Advanced Monte Carlo simulation strategies.

#### **Module 10: Company Valuation I**

- Understanding and implementing valuation techniques.

#### **Module 11: Company Valuation II**

- Advanced company valuation strategies.

#### **Module 12: Spreadsheet Software I**

- Utilizing spreadsheet software for financial modeling.

#### **Module 13: Spreadsheet Software II**

- Advanced spreadsheet techniques for financial analysis.

#### **Module 14: Capstone Project I**

- Applying skills to real-world data.

#### **Module 15: Capstone Project II**

- Advanced application of financial modeling skills.

#### **Websites:**

- <https://chools.in/>
- <https://ramaqchools.com/>
- <https://www.choolsgroup.com/>