

The list of core courses includes:

1. Introduction to Computational Thinking & Programming (ICTP)
2. Math 1: Linear Algebra and Calculus for Computing
3. Statistics and Analysis (SA)
4. Financial Accounting I
5. Math 2: Discrete Applied Mathematics
6. Data Structures & Algorithms (DSA)
7. Principles of Economics
8. Financial Management (FM)
9. Algorithm Design and Analysis (ADA)
10. Object Oriented Design and Programming (OODP)
11. Ethics in the Investment Profession
12. Investments
13. FinTech Introduction
14. Software Engineering
15. Computer Networks
16. Introduction to Database
17. Financial and Risk Analytics I
18. Global Financial Markets and Institution
19. Machine Learning in Finance
20. Blockchain in Finance
21. Ethics and Regulations for Digital Finance
22. Product Management
23. Cloud Computing
24. Applied research project: Financial Application Design and Development