Financial Modeling and Analysis – Foundations and Applications (MATH 242)

Credit Hours: 3

Instructor: Zahra Lakdawala, Anoushe Sheharnaz Hassan

Schedule: Monday to Friday (10.15 AM – 12.15 PM)

This course aims to provide students with the skills to conduct statistical analysis on financial data to make inferences about risks and returns. Students will learn how to use Python to read, prepare and analyse data that will then be used to build prediction models. The students will be guided through a series of well-designed projects such that they will get to wrangle financial data and implement a few models and algorithms. This course will be useful for someone who is interested in the field of data and business analysis, and/or is interested in gaining deeper technical knowledge in Finance and Quantitative Modeling.