MSc in Computational Finance

Study Plan – University of Padua

- **Stochastic Methods** (6 cfu)
- **Fundamentals of Computational Mathematics** (8 cfu)
- **Regression and Time Series Models** (8 cfu)
- **Principles of Financial Economics** (8 cfu)

- **Machine Learning for Finance** (9 cfu)
- **Econometrics for Credit and Market Risk** (9 cfu)
- **Risk Management and Compliance** (6 cfu)
- **Financial Reporting** (6 cfu)

- **Stochastic Finance** (9 cfu)
- **Risk and Insurance** (6 cfu)
- **Quantitative Risk Management** (9 cfu)
- **Law and Data** (6 cfu)

- **Stochastic Differential Equations with Numerics** (9 cfu)
- **Stochastic Optimization** (9 cfu)
- **Quantitative Asset Allocation** (6 cfu)
- **Thesis** (15 cfu)

- **Seminars** (3 cfu)
- **Internship** (6 cfu)

Total CFU: 138 (120+18)

Matteo Giorgi