

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)
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- **Machine Learning for Finance** (9 cfu)
 - **Econometrics for Credit and Market Risk** (9 cfu)
 - **Risk Management and Compliance** (6 cfu)
 - **Financial Reporting** (6 cfu)
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- **Stochastic Finance** (9 cfu)
 - **Risk and Insurance** (6 cfu)
 - **Quantitative Risk Management** (9 cfu)
 - **Law and Data** (6 cfu)
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- **Stochastic Differential Equations with Numerics** (9 cfu)
 - **Stochastic Optimization** (9 cfu)
 - **Quantitative Asset Allocation** (6 cfu)
 - **Thesis** (15 cfu)
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- **Seminars** (3 cfu)
 - **Internship** (6 cfu)

Total CFU: 138 (120+18)