| 1st Semester | 2nd Semester | 3rd Semester | 4th Semester |
|---|---|---|--------------|
| Co-requisites - up to 30 ECTS Part or all of the complementary program may be required upon admission Mathematics I Statistics I Statistical Modelling | | | |
| Core Courses - 33 ECTS Mixed Linear Models The Statistical Analysis of Time Series Research Seminar in Statistics | Analytics Consulting Generalized Linear and Additive Models Multivariate Analysis Sampling Techniques | Courses of the 1st semester may be followed during the 3rd semester - if the completion of a complementary program is necessary | |
| Elective Courses - 27 ECTS Choice from a list of courses, may also be followed other UNIGE Departments - subject to approval by Advanced Statistical Inference Advanced Topics in Survey Methods Data-driven Impact Evaluation Models and Empirical Methods for Asset Pricing Econometrics Estimation statistique Financial Econometrics Numerical Optimization and Simulation Optimization with Applications I Selected Topics in Statistics (not in 2021-2022) Statistiques et optimisation Stochastic Processes in Finance Teaching Statistics | Applications des méthodes statistiques modernes par ré-échantillonnage Concepts et langages orientés objets Data Mining Experimental Design: Theory and Practice Introduction à la planification et l'analyse des cas uniques Invited Lectures in Statistics - Introduction to Causal Learning Machine Learning Modèles à équations structurales Modèles multiniveaux Model Selection in High Dimensions Optimization with Applications II Workshop 2A: Practice of Sustainable Human | Courses of the 1st semester may be followed during the 3rd semester - if the completion of a complementary program is necessary | |
| | Development | Master's Thesis - 30 ECTS with the possibility of an internship min. 10 weeks | |