

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
- Statistical Modelling
- ...

Core Courses - 42 ECTS

- | | |
|---|-----------------------------|
| Linear Models for Dependent Data | Analytics Consulting |
| Machine Learning | Applied Bayesian Statistics |
| The Statistical Analysis of Time Series | Modern Flexible Regression |
| | Multivariate Analysis |

Courses of the 1st semester may be followed during the 3rd semester - if the completion of a complementary program is necessary

Elective Courses - 18 ECTS

Choice from a list of courses, may also be followed in other GSEM Master programs and/or in other UNIGE Departments - subject to approval by the Scientific Committee. Selected Topics in Statistics will not be given in 2023/2024.

- | | |
|--|--|
| Advanced Statistical Inference | Advanced Topics in Machine Learning |
| Econometrics | Data-Driven Impact Evaluation |
| Research Seminar in Statistics | Experimental Design: Theory and Practice |
| Financial Econometrics | Institutional Project |
| Stochastic Processes in Finance | + 8 courses outside the Faculty |
| Fundamental and Advanced Sampling Techniques | |
| Institutional Project | |

Courses of the 1st semester may be followed during the 3rd semester - if the completion of a complementary program is necessary

Master Thesis - 30 ECTS

with the possibility of an internship min. 10 weeks