

1st Semester

2nd Semester

3rd Semester

4th Semester

Co-requisites

– up to 6 ECTS

Part or all of the complementary program may be required upon admission

Business Analytics

Core Courses – 63 ECTS

Algorithmics and Data Management

Data Quality and Data Collection Strategies

Forecasting with Applications in Business

Applied Programming with R and Python

Machine Learning

Analytics Consulting

Advanced Data-Driven Decision Making

Data-Driven Impact Evaluation

Prescriptive Analytics

Privacy and Data Protection in the Digital Economy

Technologies and Architectures for Data

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

Business Concentration – 57 ECTS

Core Courses - 45 ECTS

Internship and Internship Report

Elective Courses - 12 ECTS

Choice from a list of courses

Applied Bayesian Statistics; Change Management; Data Science; Services: from Concept to Market; ...

Research Concentration – 57 ECTS

Master Thesis – 30 ECTS

Elective Courses – 27 ECTS

Choice from a list of courses

Data Science; Linear Models for Dependent Data; Strategic Human Resource Management; The Statistical Analysis of Time Series; ...