Semester 1

Analysis 1
Algebra 1
Algorithms and data structure 1
Machine structure 1
Scientific terminology and written expression
Foreign language 1
Electronics and system components

Semester 2

Analysis 2
Algebra 2
Algorithms and data structure 2
Machine structure 2
Introduction to probability and descriptive statistics
Information and Communication Technology
Programming tools for mathematics
Physics 2 (general electricity)

Semester 3

Analysis 3
Algebra 3
Introduction to Topology
Numerical Analysis 1
Mathematical logic
Programming tools   2
History of Mathematics

Semester 4

Analysis 4
Algebra 4
Complex analysis
Numerical Analysis 2
geometry
probability

Application of mathematics to other sciences

Semester 5

Advanced probabilities
Parametric statistics
Matrix Numerical Analysis
Information systems and databases
Exploratory data analysis
Scientific english

Semester 6

Choose a subject from • graph theory • Time series
Stochastic processes
Choose a subject from • Linear programming • Algebra and advanced arithmetic • Linear and nonlinear regression
Simulation and software practice
Non-parametric statistics
Mini-project
Introduction to Latex