

Bachelor's degree year 1 - semester 1

Analysis 1 (6 ECTS)
Algebra 1 (6 ECTS)
Physics: introduction (6 ECTS)
Programming 1 (3 ECTS)
Algorithm and computing : initiation (3 ECTS)
Language techniques (3 ECTS)
English (3 ECTS)

Bachelor's degree year 1 - semester 2

Analysis 2 (6 ECTS)
Algebra 2 (6 ECTS)
Logic gates (3 ECTS)
Programming 2 (3 ECTS)
Transdisciplinary option (3 ECTS)
Language techniques and professional project (3 ECTS)
English (3 ECTS)

Bachelor's degree year 2 - semester 1

Algebra and analysis: complement (6 ECTS)
Computer architecture (3 ECTS)
Algorithm and data structure (6 ECTS)
C programming (3 ECTS)
Advanced C programming (3 ECTS)
Data base (3 ECTS)
Transdisciplinary option (3 ECTS)
English (3 ECTS)

Bachelor's degree year 2 - semester 2

Functional programming (6 ECTS)
Operating system (6 ECTS)
Elements of object-oriented programming (3 ECTS)
Web programming (3 ECTS)
Discrete mathematics (6 ECTS)
Probability for computer science (3 ECTS)
English (3 ECTS)

Bachelor's degree year 3 - semester 1

Network (6 ECTS)
Algorithm and introduction to complexity theory (6 ECTS)
Conception and object-oriented programming (6 ECTS)
Formal language theory and reasoning (6 ECTS)
Option (3 ECTS), choose between:
* Professional culture and integration (3 ECTS)

* School teacher internship (3 ECTS)

English (3 ECTS)

Bachelor's degree year 3 - semester 2

Compiler (4 ECTS)

Network programming and concurrent computing (4 ECTS)

Logic: introduction (4 ECTS)

Mobile development (3 ECTS)

Data base conception (3 ECTS)

Internship (6 ECTS)

Option (3 ECTS), choose between:

* Professional culture (3 ECTS)

* School teacher internship (3 ECTS)

English (3 ECTS)