

SUPSI

Bachelor's degree in Computer Science Engineering

Modules taught in English

Autumn Semester, 2nd year:

- Algorithms and data structures (6 ECTS)

Spring Semester, 2nd year:

- Parallel and concurrent programming (3 ECTS)
- Programming languages and frameworks (3 ECTS)
- Systems for data persistency (3 ECTS)
- Software engineering and development 1 (6 ECTS)
- Web applications (3 ECTS)
- Data science (3 ECTS)
- Cybersecurity (3 ECTS)
- Italian class (intensive course* 2 ECTS + semester time course 1 ECTS)
- Some elective courses among a choice of 4-5 courses (3 ECTS each)

Almost all modules of the 3rd year can be switched to English in case of presence of exchange students. Moreover: single modules from the Bachelor's degree in Data Science & AI can be combined. All such modules are taught in English.

**Early start (end of January)*

Note: The Italian courses are organized by the Università della Svizzera Italiana, SUPSI's partner located on the same campus. The ECTS equivalency will be recognized by SUPSI in the final transcript of records upon successful completion of the exams.