

Bachelor's degree program: Computer and Software Engineering

Domain: Computers and Information Technology

Requirements: Bacalaureate (or equivalent) and mathematics admission exam

Duration: 4 years

Teaching language: Romanian

Competences and knowledge acquired

1. Understand fundamentals of exact sciences and engineering applied to computers and information technology
2. Master a large body of knowledge in computer science and information technology, become familiar with a wide range of application domains and consolidate at least one specialty
3. Identify, formulate and solve engineering problems using methods and instruments from computer science
4. Use, configure and administer computer systems and application software
5. Design, implement and test computer equipment and software systems, following a systematic process and using appropriate design tools
6. Experiment and evaluate solutions adequate with respect to economic and performance requirements
7. Recognize the economic, ethical, legal and social context of the computer and software engineering profession
8. Acquire a working style that integrates individual and team abilities, good communication, interdisciplinary and technical cooperation, and continuous professional development.