ENSIT Computer Engineering Programme aims

Main aim of the Computer Engineering is to prepare graduates with a strong background in Programming, Information Management, Software design, Web and Mobile Technologies, systems and architectures, Artificial intelligence, Networking and Security.

In order to enable graduates to achieve this aim, students should develop and obtain a set of competences – intended as the capacity to use knowledge and professional and soft skills in work situations – that have been identified in agreement with the identified educational needs of the labour market of reference and the resources available to the awarding institution as follows:

- Ability to apply knowledge and understanding of engineering disciplines underlying Computer Engineering subject area with specific reference to the following disciplines: Programming, databases, software engineering, Web Technologies, systems and Networking to develop computer solutions.
- Ability to analyse and solve complex problems to design complex and smart products and systems to investigate complex issues in the computer engineering area with reference to the following topics: Advanced databases and software design, Mobile technologies, advanced Architectures, Security, Artificial Intelligence and data Analytics
- Ability to implement and conduct complex computer development projects using and applying practical knowledge, by identifying financial and managerial implications, taking appropriate decisions, and to meet deliverable, schedule and budget requirements.