

| Cyber Security (Master) (without Thesis) (English) |                    |                       |                  |
|----------------------------------------------------|--------------------|-----------------------|------------------|
| Master                                             | TR-NQF-HE: Level 7 | QF-EHEA: Second Cycle | EQF-LLL: Level 7 |

## Program Information

While rapid developments in information and communication technologies facilitate access to information and make our daily lives more comfortable, they also bring security vulnerabilities. Especially, these technologies, which have become strategic tools for critical infrastructure sectors such as finance, telecommunications, energy, water management and transportation, must serve in secure cyber environments against all kinds of external threats and attacks. Cyber risks and threats, which have increased both in quality and quantity simultaneously with technological developments, have reached dimensions that must be taken into account in terms of public security and stability of states both in our country and in the world. In this context, ensuring national cyber security has become one of the priority issues for our country.

Our focus is to provide education in accordance with international standards by offering as many theoretical and practical courses as possible in the field of Cyber Security. With the Cyber Security Master's Program opened within the Istinye University Graduate Education Institute, students; It is aimed to provide competence in the fields of cryptography, cryptanalysis, network and information security, malware analysis, penetration tests, data privacy and cyber security law.