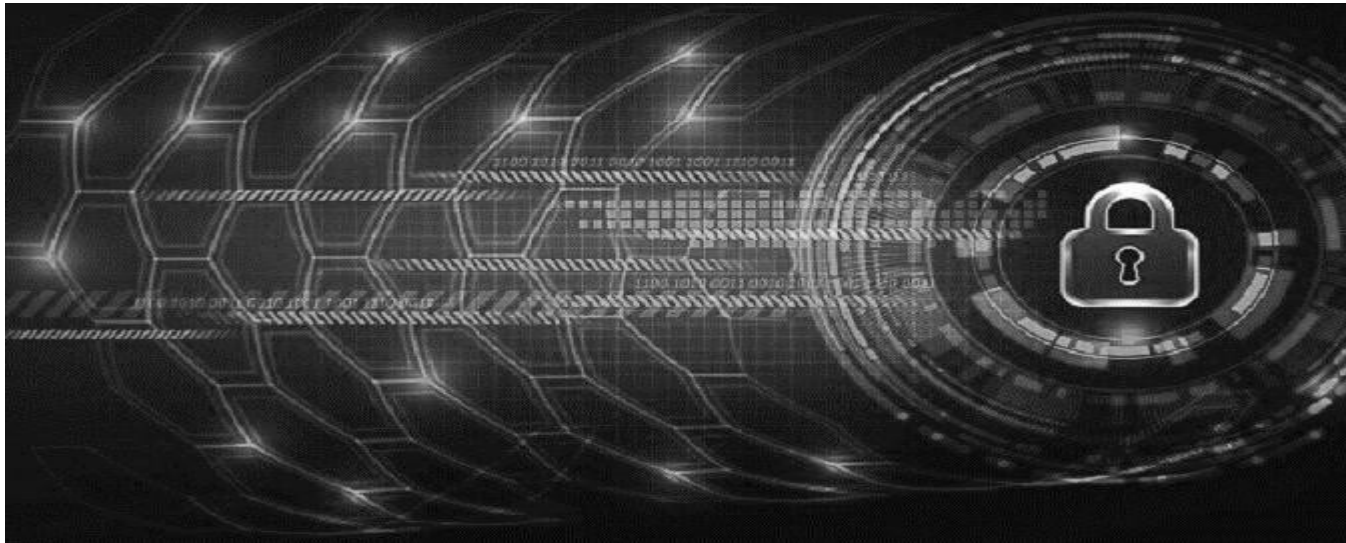# Branch:Computer Science

Code: CYBERS
Option: Cybersecurity
Level: Master
Prerequisites:
Opportunities:

IT SECURITY CONSULTANT

As an IT security consultant, your mission is to protect the valuable data of your company and its customers. You develop comprehensive security strategies and increase security awareness in your company. In addition, you conduct security testing and implement IT security solutions. ETHICAL HACKER

Ethical hackers or pen testers are information experts who crack computer systems after being commissioned by companies. They actively try to circumvent existing security settings. In doing so, they reveal how vulnerable a (operating) system or web application is - a demanding and complex job that requires a high degree of creativity.

SYSTEM / NETWORK / FIREWALL ADMINISTRATOR

In this position, you will be responsible for the planning, installation, administration and maintenance of the firewall and network infrastructure. In doing so, you will develop network and security concepts. In addition, you will be responsible for the coordination and implementation of projects in the field of network and security. As part of your duties, you will find solutions for optimizing the IT infrastructure.

Description:

You will also deepen your knowledge in selected areas such as host and software forensics, cloud computing and secure software development. In addition, topics such as computer science, artificial intelligence and advanced data analysis, as well as IT law and IT service management are also on the program. A choice of specializations within the 30 ECTS framework opens the door to a wide variety of exciting sectors and functions.

Specific competences:

You understand a wide range of hardware and software systems, you are proficient in programming and you want an international career. Cyber-attacks are a growing threat - you can fight them off. The Master's program in Cyber Security at UUT prepares you optimally for this exciting field of activity. You will gain valuable know-how in the planning and implementation of effective IT security strategies for your later task of securing the entire corporate network infrastructure. You will also be involved in programming and implementing complex software and system architectures. This opens up cross-sectorial career opportunities for you as a manager, for example in computer forensics, software development or pretesting.

Quality and competences:

The master's degree in cybersecurity at the UUT allows you to acquire the necessary foundations in the fields of computer science, computer security, programming with Python and pretesting.