

Applied IT Security (M.Sc.)

The remote study program for your career in cybersecurity

Accredited since 2006, the Master's degree in Applied IT Security (120 CP) is offered by isits AG in cooperation with Ruhr University Bochum. While you study flexibly through distance learning, you participate in the degree program through Ruhr University Bochum and benefit from its close collaboration with the Horst Görtz Institute for IT Security, located in Bochum, one of Europe's leading cybersecurity hubs.

This Master's program is designed for graduates in computer science, business informatics, electrical engineering, mathematics, and physics, as well as IT professionals ready to take their cybersecurity and information security expertise to the next level.

You will develop in-demand skills for modern cyber security and management roles, opening doors to long-term career growth in one of the most exciting and future-proof fields in tech, all while continuing your professional work.

Why Choose This Master's Program?

- Accredited Master of Science (M.Sc.) awarded by Ruhr University Bochum
- Start dates in either the summer or winter semester
- Remote study model designed to fit smoothly around your job
- Learn at your own pace thanks to a flexible, modular structure
- University certificate awarded for every successfully completed module
- Pathways to a Ph.D.
- Flexible financing starting from €331 per month (plus 19% VAT)



Where will the Master's degree take you?

- Security Architect
- Cybersecurity Consultant
- Information Security Manager
- CISO (Chief Information Security Officer)

... and many other career paths.

Master the 'why' behind cybersecurity, not just the 'how'

The modular program structure combines technical fundamentals with practical elective modules. From cryptography and network security to IT forensics, data privacy, and security management, you will build a holistic understanding of modern cybersecurity. At the same time, you benefit from cutting-edge insights from both academia and industry, allowing you to tailor your studies to your personal career goals.

The remote study program consists of the following modules:

- Cryptography
- Discrete Mathematics for IT Security
- Computer Science for IT-Security
- Network Security
- Security Protocols
- Security Management
- Information Technology for IT Security
- Current Topics in IT Security
- Mobile Security
- Information Security Management in Practice
- Blockchain and Decentralized Security
- ... and many more!

Personally guided and top-tier expertise

Throughout your studies, our program office is here to support you personally with any administrative questions. In every module, you will be guided by experienced tutors and renowned lecturers from both academia and industry. You will also benefit from connecting with fellow students, building a valuable cybersecurity network while you study.

Duration of Study

The standard period of study is six semesters and is specifically designed for working professionals. Thanks to the modular structure, you can flexibly shorten or extend your studies to fit your personal and professional situation.

Exam Locations

Take your exams flexibly at our locations in Bochum, Munich, or Berlin. Additional exam locations abroad are available upon request.

Career?

Let's discuss your future. In only a few minutes, you can discover if this Master's is the right next step for your cybersecurity career.

Tuition & Fees

	36+ Months Duration	48+ Months Duration	FlexiMax
 Payment Period	36 months	48 months	per semester
 Tuition Rate / per CP	€ 419 / month	€ 331 / month	€ 145 / CP
 Registration Fee	€ 400	€ 400	€ 400
 Graduation Fee / Thesis	€ 1.049	€ 1.049	€ 3.500
 Total Tuition & Fees	€ 16.533	€ 17.337	€ 17.675
 Additional Semester / per CP	€ 360 / semester	€ 360 / semester	per CP

all prices plus 19% VAT

Student Advisory Service

Do you have questions about the program, admission, or financing? Our student advisors are here to support you personally, right from your first inquiry all the way through to your graduation.



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