



# “Applied IT Security” (M.Sc.)

## Extra-occupational remote study program

The isits AG International School of IT Security, together with Ruhr-Universität Bochum (RUB), offers the extra-occupational remote study program “Applied IT Security” (Master of Science). The internationally oriented remote study program has been accredited by AQAS e.V. since 2006 and is directed towards (business) IT professionals, engineers, such as electrical engineers, as well as mathematicians and physicists who would like to expand their qualifications to include knowledge of IT security and new technologies.

In addition to a full university degree that entitles them to do a PhD, successful graduates gain new career prospects in IT security, a rapidly expanding and attractive field. The possible applications are myriad. The graduates can also work in all company areas and industries that have a strong relationship to ICT. With the successful degree, they also gain the necessary qualifications for a senior position in the public sector.

### Your benefits at a glance

- › Academic degree “Master of Science” from the Ruhr-Universität Bochum.
- › Start of studies in summer or winter semester.
- › Program duration can be flexibly adapted thanks to modular design.
- › Advanced education alongside work – no need for a hiatus.
- › Flexible, individual learning with the freedom to set your own schedule.
- › One university certificate per module completed successfully.



Enjoy the advantages of  
being a guest student at  
Ruhr-Universität Bochum!

In the remote study program “Applied IT Security”, you learn up-to-date and in-depth specialist knowledge that you can use directly in your daily work. **You are investing in your professional development and improving your career prospects.**

### Know-how from research and practice

A single program covers wide-ranging topics in IT security. Technical and mathematical foundations are taught in the required modules. In the area of electives, you then have the opportunity to specialize, apply the fundamentals in practical contexts and deepen your knowledge. You also gain insights into the legal principles underlying IT security.

The remote study program offers an interdisciplinary education in a form not available in typical study programs. Detailed descriptions of the following modules, information about the concept of the study program and the registration modalities can be found at [www.is-its.org](http://www.is-its.org).

### The remote learning program consists of the following modules:

- › Cryptography
- › Discrete Mathematics for IT Security
- › Computer Science for IT Security
- › Information Technology for IT Security
- › Network Security
- › Security Protocols
- › Current Topics in IT Security
- › Implementation of Cryptographic Schemes
- › Mobile Security
- › Protecting Against Malware in Enterprises
- › Security Management
- › Systems Security ... and many more!



## Advice and specialist support guaranteed

- › Competent contact partners in the Study Office are available to provide you with individual advice during your studies.
- › In every module that you take, you will be supervised by qualified tutors and renowned lecturers, who will work closely with you.
- › With your fellow students, you can actively exchange ideas, form study groups and easily expand your professional network.



**Try first – then study!**

Test out our offer for free with our test access – four weeks with no commitment.

## Study duration

- › The typical study duration is six semesters and is therefore oriented around working professionals.
- › It is possible to shorten or lengthen the study duration at any time.

## Examination locations

- › Bochum, Munich and Berlin (*more locations abroad on individual request*)

## Tuition

Modules	(95 CP)	<b>EUR 13,775.00 plus tax</b>	Total price EUR 16,392.25 incl. 19% VAT.
Master's thesis	(25 CP)	<b>EUR 3,500.00 plus tax</b>	Total price EUR 4,165.00 incl. 19% VAT.
<b>Total study program</b>	<b>120 CP</b>	<b>EUR 17,275.00 plus tax*</b>	Final price EUR 20,557.25* incl. 19% VAT.

\*Plus a one-time registration fee of EUR 400.00 plus 19% VAT.

- › The tuition fees are paid per semester.
- › Interest-free installment payments are possible.
- › Semesters may be taken off at no charge, provided you do not use this time for repeating a module.

## The Study Office – competent, fast and flexible!



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**Personal advice for you!**  
Learn about our wide range of advisory options on our website.

[www.is-its.org](http://www.is-its.org)

