isits
International School
of IT Security AG

„Applied IT Security" (M.Sc.)

Masters Program - Distance Learning

› Cryptography
› Network Security
› System Security
› Information Security Management
› Mobile Security

and many other interesting subjects are included
in our masters program „Applied IT Security"

Why "Applied IT Security"

Cyber criminals are getting better with the years. So should WE! With our distance learning program „Applied IT Security", you can become the expert the industry, academia and administration needs. The demand increases every year. With the Master's degree, awarded by Ruhr-University Bochum, you can choose your path in IT Security. Enhance your chances and build your career with this exceptional degree.

Your advantages

› Study while you work in your own time

› Apply what you learned directly to your daily work

› Network with students, lecturers and business representatives from the IT Security field

› With a university degree you enhance and strengthen your company's reputation

› The master's degree qualifies for following phd studies

› The attendance of several different seminars becomes obsolete with this specifically designed program

› Flexible duration of studies: 6 or 8 semesters, holiday semester possible

› Our modular system ensures flexibility with job and family

👍 **Become part of it today!**

Admission requirements

Applicants should hold a bachelor or master degree or diploma completed in a minimum of 6 semesters from a university or other institution acceptable in one of the following fields:

- › Electrical Engineering
- › Computer Science
- › Mathematics
- › Physics
- › Information Systems
- › Industrial Engineering

Applicants with a non-IT related degree or a degree that includes only party of the subjects above may also be accepted (with restrictions), if work experience is sufficient.

Professional experience: Applicants should provide evidence of at least one year of professional experience.

English language skills: A good level of English will be of advantage as the language of modules 1, 2 and 6 which are relevant for the examination is English. All exams, however, will be given in German.

Verification process: In order to allow verifying your entry requirements for our masters program please send in the following documents:

- › Curriculum vitae (CV) with recent photo
- › Certificate / diploma and transcript of records of the first academic degree or comparable qualification (signed copy*)
- › Relevant professional certificate(s) and / or formal reference proving one year of practical experience*

*May be acquired during study and can be handed in later.

Learn from the best!

The lecturers of our courses don't only teach from the books, they wrote the books. Internationally renowned lecturers of Ruhr University Bochum are leading our courses, as well as successful and internationally accepted experts from the industry. Tutors are supporting you during your studies.

Located in the midst of the dynamic, hospitable metropolitan Ruhr area, Ruhr-University Bochum (RUB) with its 20 faculties is home to over 41,000 students from 130 countries.

The Horst Görtz Institute (HGI) at RUB is one of Europe's largest university-based institutions for interdisciplinary research in the field of IT security.

Exams

All mandatory courses finish with a written exam at the end of each semester. Some elective courses also have oral exams or presentations, please see course description for details. There are two blocks of exams each semester. This leaves you the possibility to choose one of the exam dates that suits you best. It also offers the opportunity to rewrite one exam in the second block in case you failed in the first. We also offer our exams in Munich, and on demand in Goethe Institutions abroad.

CAISP – Certified Applied IT Security Professional

You do not have a previous degree, but a lot of professional experience in the IT field? You would like to gain the knowledge from the masters program "Applied IT Security" to enhance your career? The CAISP certification is your opportunity to do so. You will be rewarded with an academic certificate, issued by Ruhr University Bochum, as well as a transcript of records.

Online Courses

Each course from our program can be completed individually, without entry requirements. A combined certificate from isits and Ruhr University Bochum will be awarded to show your achievements.

Ruhr-University Bochum, © RUB, Foto: Sondermann

Prices

All fees will be charged per semester, which means that with your enrollment you are not obliged to the whole program. Necessary holiday semesters can be taken free of charge.

Applied IT Security		
Courses in total	(95 CP)	**12,350.00 Euro** net**
Master Thesis	(25 CP)	**3,000.00 Euro** net**
Total	**120 CP**	**15,350.00 Euro** net**

Online Courses	
Courses à 10 CP	**1,600.00 Euro** net**
Courses à 5 CP	**750.00 Euro** net**
Courses à 3 CP	**550.00 Euro** net**

**All prices are net, plus 19% VAT.

Curriculum

The masters program "Applied IT Security" (M.Sc.) contains 9 compulsory subjects and 12 elective subjects and finishes with the Master Thesis. You need 120 CP to graduate, 25 of which are to be completed in elective subjects.

Compulsary Subjects

- › **Introduction to Cryptography and Data Security**
- › **Discrete Mathematics**[***]
- › **Computer Science for IT-Security**[***]
- › **Information Technology for IT-Security**[***]
- › **Network Security**
- › **Security Systems and Protocols**
- › **Cryptography**
- › **Security Management**
- › **Legal Aspects of IT Security**

[***] 2 of these 3 courses must to be completed depending on your prior degree.

Enroll online now! www.is-its.org

Want more information?

We are offering a 4-week trial account to our e-learning platform which holds more information about course contents. Interested? Email us and get your trial account today - free of charge with no obligation.

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*Order your free information package
today and get introductions to our
courses and materials.*