Master in International Information Systems

The Master of Science in International Information Systems is a four semester program for those with a strong interest in information technology and its role in today's business environment. The international nature of the program is fostered by its participants coming from many different countries, the mandatory study abroad period and courses focusing on the international aspects of information systems management. Graduates of the program are ideally suited for leadership roles at the interface between management and IT of global companies.

Participating Chairs

- Chair of Information Systems – Innovation and Value Creation
  Prof. Dr. Kathrin Möslein
- Chair of Information Systems – IT Management
  Prof. Dr. Michael Amberg
- Chair of Information Systems – Services – Processes – Intelligence
  Prof. Dr. Freimut Bodendorf
- Chair of International Management
  Prof. Dr. Dirk Holtbruegge
- Chair of Computer Science 6 (Data Management)
  Prof. Dr. Klaus Meyer-Wegener
- Chair of Computer Science 11 (Software Engineering)
  Prof. Dr. Francesca Saglietti
- Professorship for Open Source Software
  Prof. Dr. Dirk Riehle

www.iis.fau.de

School of Business and Economics at a Glance

The School of Business and Economics is one of the leading schools of its type with over 6 000 students, more than 45 professors, a global network of contacts and one of the broadest range of subjects offered at any university in the German-speaking world. Today the School continues to serve as an important university think tank and a highly sought-after local partner for the greater Nuremberg region. The city of Nuremberg provides a unique combination of historic Middle Ages and modern lifestyle, Franconian flair and student life. The rich traditions of this center of trade create an atmosphere that is at once peaceful and vibrant. Nuremberg is host to a large variety of international trade fairs and is home to several global enterprises.

Contact

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Services – Processes – Intelligence
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For more information regarding the Master in International Information Systems please refer to
www.iis.fau.de

If you have any questions please send an email to
studium-iis@uni-erlangen.de

The Master in International Information Systems on Facebook: **https://www.facebook.com/IIS.Uni.Erlangen.Nuremberg**

Publisher: Universität Erlangen-Nürnberg, Fachbereich Wirtschaftswissenschaften, Communications and Marketing; Responsible for content: Prof. Dr. Freimut Bodendorf; Photos: Stephan Minx, Fachbereich Wirtschaftswissenschaften, shutterstock; Graphic Design: zur.gestaltung, Nürnberg; Print: Onlineprinters; Version: 07/2014; Print run: 1.000 copies

FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG

SCHOOL OF BUSINESS
AND ECONOMICS

Master's degree program

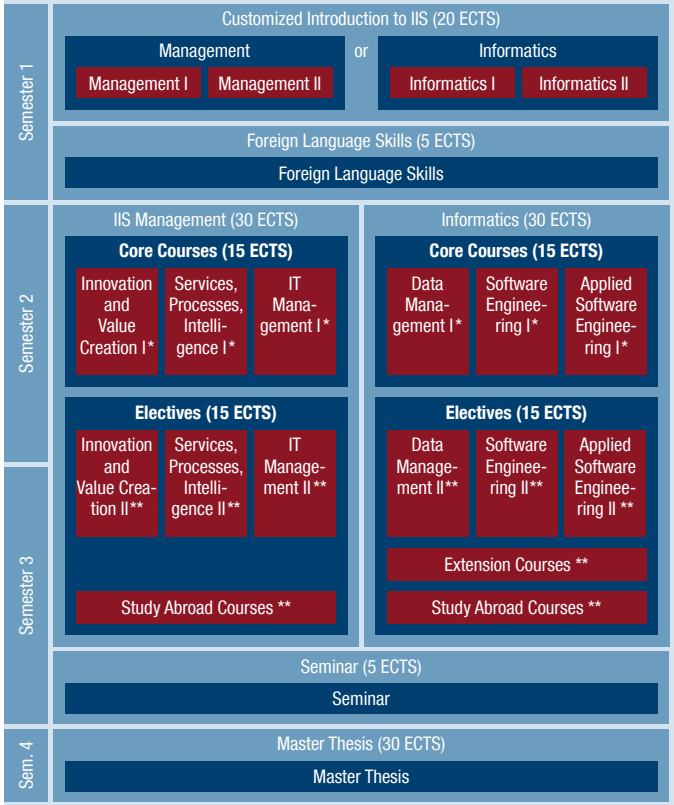
International Information Systems

www.iis.fau.de

Master in International Information Systems

The salient features of the International Information Systems master's program are:

- Feasible for students with a bachelor's degree in business administration, management, economics, computer science, information systems or an IT-related engineering program
- Joint offering of the School of Business and Economics and the Department of Computer Science
- Language of instruction is both German and English
- Clear focus on international aspects of information systems
- 120 ECTS (European Credit Transfer System)
- Program beginning each winter semester
- Modular structure permits up to two semesters abroad (one semester abroad is mandatory)



Content and Structure

The School of Business and Economics at the Faculty of Business, Economics, and Law situated in the city of Nuremberg as well as the Department of Computer Science at the Faculty of Engineering in Erlangen offer courses in their respective areas of expertise within the curriculum of the Master in International Information Systems.
The first semester starts with a customized introduction to International Information Systems to help students gain competencies not covered in their previous studies. Students having a management background take the informatics introduction whereas students with an IT background take management courses. The first semester also includes a foreign language module.
The second and third semester's courses integrate interdisciplinary perspectives across the fields of international information systems management and informatics.
Students take core courses in the following areas:

- Innovation and value creation
- Services, processes, intelligence
- IT management
- Data management
- Software engineering
- Applied software engineering

Depending on their area of interest, students deepen their knowledge in the above fields by choosing from a wide range of elective courses and applying their theoretical knowledge in different seminars. Beyond the above areas, elective courses in IT security, distributed systems and operating systems as well as computer networks and communication systems are offered within the curriculum.
The mandatory semester abroad can be spent by studying at one of our renowned partner universities in the third semester or by doing the master's thesis in co-operation with an international corporate or academic partner in the fourth semester. It is also possible to combine these two options and spend up to two semesters abroad.

Target Group and Admission Criteria

The Master in International Information Systems targets outstanding undergraduate students with background in business, IT or information systems who have a strong interest in innovative applications of information and communication technology.
The following criteria are considered within the application procedure:

- Academic field and grades of the undergraduate degree
- Work experience
- International experience
- English and German language skills

For detailed information regarding the application procedure please refer to our website **www.iis.fau.de**.

Competencies

Students who complete the Master in International Information Systems will develop a comprehensive set of competencies:

- Interdisciplinary skills
- Intercultural competence
- Analytical skills
- Ability to work in an independent and goal-oriented manner
- Capacity for teamwork
- Project management skills
- Presentation skills

Career Prospects

The Master in International Information Systems qualifies students for leadership roles at the interface between management and IT of globally operating companies. Graduates have the capacity to start a career in occupational areas such as business consulting, project management, accounting, controlling, enterprise architectures, change management, technology management or IT strategy.
The program also prepares students for research in the field of information systems.

* mandatory 5 ECTS / ** up to 15 ECTS