How do I apply for a place on this programme?

Admission is conditional on a university degree (bachelor's, Magister, Diplom, state examination) from a university in Germany or abroad based on at least three years of study in information systems or an equivalent degree, with a final grade of 2.7 or better and a proportion of 60 ECTS credits or a comparable amount in the field of Information Systems. This necessarily includes courses that impart knowledge in business application systems, databases, software development, data structures, e-business, business processes and knowledge management.

International applicants with a foreign university degree need certification of their German language skills. This must consist of an official language test at level C1 of the Common European Framework of Reference for Languages (CEFR).

The programme begins each winter and summer semester (October and April respectively). The deadline for applications is 30 June for the winter semester intake and 15 February for the summer semester.

Visit visit www.uni-passau.de/en/apply for further information on how to apply.

Degree awarded	Master of Science (M.Sc.)
Duration and ECTS	4 semesters; 120 ECTS credits
Starts in	April and October
Language of instruction	German

Further information and contact details

Programme page on the web
www.uni-passau.de/en/msc-infosys

Information Systems department
www.winfo.uni-passau.de

Programme advisers
Professor Jan Krämer
Dr.-Hans-Kapfinger-Str. 12, 94032 Passau, Germany
Phone: +49 851 509 2580
E-mail: jan.kraemer@uni-passau.de

Academic Advice Service
Primary contact for prospective international students seeking advice on study options and entry requirements
Phone: +49 851 509 1154
E-mail: advice@uni-passau.de
www.uni-passau.de/en/academic-advice

International Office
Assists international students with the immigration formalities and with getting settled in Passau
www.uni-passau.de/en/international

Student Registration Office
Contact for enquiries related to your application
www.uni-passau.de/en/student-registration-office

Language Centre
Offers a wide range of language courses
www.sprachenzentrum.uni-passau.de/en

Future: Careers and Competencies Section
Helps students seeking internships or career entry positions and offers transferable skills courses
www.uni-passau.de/en/zkk

iStudi Coach for job market induction
Provides job market orientation and advice on internship and job search to international students
www.uni-passau.de/en/iStudi

German Courses Passau
German language courses for international students
www.uni-passau.de/en/learn-german

UNIVERSITY OF PASSAU

Master of Science in
Information Systems

Information Systems at the University of Passau

Digitalisation is leading to far-reaching changes in the economy and society. Information Systems specialists accompany this change in a variety of roles and take on an interface function in companies, mediating between economic goals and technical possibilities. In the Information Systems programme, you will acquire the necessary interdisciplinary competence profile from the fields of business and computer science, in combination with further individually selected courses from other faculties. The Information Systems master's programme at the University of Passau is characterised by a challenging, interdisciplinary education. With us you can expect:

Topicality and research orientation: Our offered range of courses includes data and information management, internet and data management, privacy and data protection, business information systems, IT and knowledge management and other current topics. The professors and lecturers are distinguished researchers in these fields and ensure that the latest developments and research findings in the field are conveyed in their courses. You can participate directly in the research projects of the Chairs when you join the seminars and write your thesis.

Excellent staff-student ratio: Courses at the University of Passau are not overcrowded. Professors can therefore respond to the students individually and are available to answer questions and other student concerns. With a total of four Information Systems Chairs and one teaching unit, the programme offers one of the best staff-student ratios in Germany.

Choice and flexibility: In the master's programme, you can tailor your studies to create a highly individual competence profile—for instance, by placing a focus on a field more closely related to computer science or one closer to business administration. Nevertheless, your choices are not limited to business or computer science. In the 'interdisciplinary specialised courses' section, you can even choose courses from the entire range of master's courses at the University of Passau that match your chosen profile.

Internationality and double degree options: The University of Passau is known for its numerous international partnerships. A very high proportion of students complete at least one semester abroad at one of our partner universities in Europe, Asia and the Americas. In addition, the M.Sc. Information Systems offers the possibility to complete a tailor-made two-semester study abroad at the University of Turku in Finland and thereby acquire a double degree at both universities. Finland is one of the most advanced countries in the world when it comes to digitalisation.

Career prospects

In the Information Systems programme, you will receive the necessary qualifications to help shape the digital world of the future. Due to the increasing importance and penetration of digitalisation across all areas of life, your career prospects are excellent. In our experience, graduates are generally offered jobs immediately after their studies—often even during their studies.

We provide you with contacts to a number of leading companies and start-ups as well as practical skills that can be applied across a wide range of tasks—from IT project management and data analytics to the digitalisation of administration. We offer SAP certification courses in cooperation with a consulting and software development company. Guest speakers will give you an understanding of what it is information systems graduates do on a daily basis.

The University's Start-up Coach can also help you realise your own business idea. Moreover, we offer the certificate programme 'Digital Technology and Entrepreneurship' to impart knowledge and skills for digital start-up ideas during the degree programme.

The research-oriented master's degree in Information Systems also qualifies you for a subsequent doctorate and career in academia. Our offer includes topics such as research methods in Information Systems, participation in interesting surveys and experiments conducted at the faculty's own research laboratory, the possibility of publication for outstanding master's theses in renowned journals and exchanges with experienced researchers on an international level.

Programme syllabus

In addition to your seminar and master's thesis, you will attend courses in the following four areas:

Methods
This area covers the mathematical foundations needed for business, empirical methods, decision theory, methods of operations research and fundamental concepts of Information Systems.

Principles of Business and Economics
This area covers the financing, value-based management and taxation of companies, the management and organisation of companies and start-ups, and (digital) marketing.

Information Systems
In this area, the specific methods, models and tools of Information Systems are taught. This includes in particular the analysis, development and implementation of information systems. The field is interdisciplinary and includes the socio-economic dimension of IT and data as well as their strategic importance in competition.

Interdisciplinary Focus Modules
For the individual development of your profile, you have the opportunity to choose further subjects related to Information Systems from the entire master's course offerings of all four faculties of the University of Passau. This includes, for example, courses on cross-media, the design of computer-supported learning environments or IT law, or even human-machine interaction and digital communication.

Your thesis should demonstrate your ability to independently carry out academic research by applying scientific methods to a clearly defined subject matter.