Information Systems in Public Administration M.Sc. - Hof University — Hof University

This master's program prepares students for the diverse fields of information systems in public administration and enables them to take on specialist and management tasks that require a scientific university degree. Students acquire all the skills necessary to work at management level and as specialists.

Prerequisites

The master's program in Information Systems in Public Administration is designed for graduates of a diploma or bachelor program in Information Systems in Public Administration.

In addition, graduates of Bachelor's computer science courses (e.g. computer science, media informatics, business informatics, mobile computing) who are interested in a secure job in public administration can also take the Master's in Information Systems in Public Administration.

A degree in another degree program also opens up access to the Master's in Information Systems in Public Administration if essential informatics skills have been taught in the respective degree program, if these have been acquired in the context of relevant professional experience or if a subsequent qualification is obtained as part of the Master's program.

Admission to the Master's program is possible in the winter and summer semesters.

Structure of the program

The part-time master's program comprises four semesters for modules and two semesters for the master's thesis. In the first semesters, you will acquire the theoretical and practical foundations.

An extensive range of compulsory electives and a very large selection of possible modules allow you to specialize in exactly the content that lies within your own area of interest and activity.

Compulsory modules

IT Strategy and Management in Public Administration

Current developments and trends in e-government

Development of Specialized Procedures

Mobile computing

ERP Systems in Public Administration

Key Technologies in Public Administration

AI and Data Science in Public Administration

E-Government Practice Project

Selection of possible electives*

IT Management

Blockchain Applications for Business

Introduction to geoinformation systems and geoinformatics

Computer Networking and Secure Network Management Interactive Online

Usability for engineers and computer scientists

Business Intelligence and Reporting

Advanced C++ Programming

Mainframe Programming I

Mainframe Programming II

SAP business processes: Logistics overview, production and customizing

Basics and application areas of electronic commerce

Application of Medical Technology

E-Health - Information Management in Healthcare

The R and RStudio Environment

Basics of Intercultural Communication

Psychology - basic concepts and applications

Information Retrieval

Public procurement law

Technology and law

Media law

Bavarian constitutional law

General tax law

European protection of fundamental rights

Negotiation, conflict management and mediation

Contract drafting and contract management

Introduction to personnel management

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...*) Non-binding list. The specific modules offered in each semester are announced in the module handbook or, in the case of VHB modules that can be recognized, are determined by the examination board of the Master in Information Systems in Public Administration. The compulsory elective area comprises a total of 20 ECTS. At least 8 ECTS are to be acquired in the area of subject-related compulsory elective modules, which serve to deepen skills in selected specialist areas of computer science. In the area of interdisciplinary compulsory elective modules, from which at least 8 ECTS should also be earned, the understanding of the use of operational application systems in public administration is expanded under legal or economic aspects; at the same time or instead, these modules offer the opportunity to develop social and personal skills as well as language and intercultural skills in relation to the study objectives.

In the fifth/sixth semester, you will write your Master's thesis (30 ECTS). This can be done in the public sector or outside.

In order to optimally prepare its graduates for later management and coordination tasks as well as specialist jobs, the degree program includes a wide range of modules that teach social, societal as well as management and organizational skills in addition to in-depth informatics content.

An overview of the skills to be acquired in the individual modules can be found in theskills matrix for the degree program.

The Master in Information Systems in Public Administration prepares you for a range of highly rewarding positions:

Technical Specialist

Project Manager

Head of Unit

Head of Department

Head of Office

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The Master's program in Information Systems in Public Administration is a consecutive, part-time program designed for working professionals. It is particularly aimed at graduates of a diploma or bachelor's degree in Information Systems in Public Administration and offers them an ideal opportunity for academic specialization.

In addition, the program is open to graduates of other informatics-related degree programs (e.g. Computer Science, Business Informatics, Mobile Computing) who have completed studies

comprising at least 210 ECTS credit points.

A degree in another academic field may also qualify for admission. In such cases, applicants must demonstrate that they have acquired competencies in the following core areas of informatics—either during their studies, through professional experience, or by other means:

Fundamentals of Programming

Databases

Computer Networks

Both missing credit points (in the case of a 180 ECTS degree) and the above-mentioned informatics competencies can be acquired through supplementary qualification within one year of starting the program. A wide range of fully virtual options are available for this purpose, and relevant competencies gained through prior employment may also be recognized.

There is currently no minimum grade point average (numerus clausus) or limitation on the number of participants.

The specific academic requirements are defined in the Study and Examination Regulations for the Master's program in Information Systems in Public Administration (SPO-VIM). The examination board is responsible for assessing whether the academic requirements are met and whether supplementary qualification is necessary.

Please note that international applicants are required to provide proof of sufficient German language proficiency.

Your advantages

Perfectly tailored to graduates already working in public administration, but also ideal for those with other bachelor's degrees in computer science who are interested in a secure job in public administration:

Virtual, part-time, off-hours (primarily Friday afternoons and Saturday mornings), building on achievements made in a diploma or bachelor in Information Systems in Public Administration, ...

Modules tailored for later specialist and management activities, such as IT strategy and management in public administration, Modern developments and current trends in e-government, ...

Intensive integration of professional practice: projects from the public authority can be directly worked on in some lectures and implemented as a topic for the master's thesis

Highly motivated lecturers with extensive expertise in the field of information systems in public administration

Virtual labs or platforms at cutting-edge level

Degree from a reputable, system-accredited university that is already well known to the service providers through the diploma in information systems in public administration

Information Systems in Public Administration

Summer semester: Nov 15 - Jan 15

Winter semester: May 01 - July 15

Info and services

Timetable

Here you find your timetable. After login, you see your personal timetable.

The campus is the management and administrative center of the university. Here you will find the university library, high-tech laboratories and university sports facilities.

More about Campus Hof

Head of Program

Head Student Counseling

Student Affairs - Program manager

Prof. Dr. Walter Kern

appointments by registration via e-mail

Doreen Rustler

Elisa Dähne