CAREER PATHS

Career as an international IT expert

The "International Information Systems" (IIS) Bachelor program is a truly global program. Information systems today are used globally and must be business-oriented – therefore, the program design focuses on information technology and business administration as well as language and intercultural management. Throughout our entire program, you will be exposed to an international setting together with a global peer group.

Career in the economy of Augsburg & Munich Metropolitan Region

Our graduates are popular and sought-after personalities in corporations. Through practical and application-oriented training, we create digital specialists whose expertise and innovative spirit are of central importance to our company partners in Augsburg and the Munich Metropolitan Region.

Career as a digital founder

Turning your own ideas into reality, realizing yourself or the dream of a lucrative exit. For more and more university graduates founding their own company is a promising career alternative.
As an entrepreneurial university, the HSA offers an ideal environment for testing and getting started. The initative HSA_funkenwerk supports with lectures, incubator programs, coaching, events and much more.

Career as a young researcher

The research institutes located at the Faculty of Computer Science offer interested parties the opportunity to join the scientific community as research assistants or employees.
The institute HSA_innos works on behalf of companies and public funding bodies on IT security topics: from the development of secure products and forensic analyses to the protection of entire industrial plants.
The institute HSA_ired, consisting of four research groups from the Faculties of Computer Science and Electrical Engineering, develops highly innovative solutions for the efficient processing of data in the fields of autonomous driving, image driving, image processing, artificial intelligence, radar technology and embedded systems.
Together with partners from industry and research, the institute HSA_ias develops innovative software solutions for digitalization projects. Agile system development methods are applied and further developed.

APPLICATION AND CONTACT

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Start of studies	Winter semester on 1 October
Application	2 May to 15 July
Questions about the application	Further information on application can be obtained from the Department of Student Affairs: www.hs-augsburg.de/en/Application
Language requirements	German at least: Goethe Certificate B2, or DSH level 1, or TestDaF level 3 in all 4 exam parts; English at least: B2 level according to CEFR recommended; see www.hs-augsburg.de/iis
Admission requirements	Selection procedure by an aptitude test; see for more information: www.hs-augsburg.de/iis
Standard period of study completion	7 semesters
Degree	Bachelor of Science
General questions about studying	For international students: International Office: international@hs-augsburg.de For German students: Central Student Advisory Service: studienberatung@hs-augsburg.de

Hochschule Augsburg
University of Applied Sciences
Faculty of Computer Science

International Information Systems / Internationale Wirtschaftsinformatik

BACHELOR OF SCIENCE

MULTILINGUAL

INTERNATIONAL INFORMATION SYSTEMS (B. SC.)

Study contents

The two-semester orientation program imparts basic knowledge in the fields of information systems, computer science and business administration. Students learn computer basics, software development, databases and accounting. Technical English and foreign language skills are also in focus. International students learn German, German-speaking students learn a second foreign language from the range offered by the university's language center (e. g. Italian, Spanish, French, Chinese).

From the third semester onwards, the intensification phase I begins. The curriculum now includes customizing and programming of information systems, data analytics and statistics. Business management knowledge is extended by knowledge from the areas of intercultural management & law and e-business. In the team project the project assignment is presented and the students bring their foreign language skills to a higher level.

While lectures in the first three semesters are held in English, lectures from the fourth semester onwards are partly held in English / partly in German, to enable international students to further improve their German language skills.

In the fifth semester, in addition to further specialization, students will be able to apply what they have learned in an internship semester. Within the framework of larger IT projects in companies, students have the opportunity to independently put their acquired know-how into practice.

Applied Artificial Intelligence, Business Modeling, and Production & Logistics are the focus in the final semesters. In addition, extensive electives in the intensification phase II give students the opportunity to choose modules that correspond to their inclinations and later career aspirations. The offer is adapted by the faculty to the current requirements.

STUDY PLAN

B.Sc. International Information Systems (210 CPs, 7 Semesters)	Computer Science, Mathematical & Analytics	Information Systems	Business Administration	International Management & Language	Scientific & Practical Skills
Orientation Phase* (62 CPs, 1st-2nd Semester)	Programming 1+2 & Software Engineering, Database Systems, Mathematics 1+2	Introduction to Information Systems	Introduction to Business Administration, Financial Accounting	1st Foreign Language (usually Technical English) 2nd Foreign Language 1 of 4 + 2 of 4	
Intensification Phase I* (56 CPs, 3rd-4th Semester)	Statistics, Data Analytics	Customizing of Information Systems, Programming of Information Systems	E-Business	2nd Foreign Language 3 of 4 + 4 of 4, Intercultural Management & Law, International IT Project and Service Management	Team Project
Internship Semester (30 CPs, 5th Semester)			Cost Accounting, Controlling & Financial Management		Integrated Internship in a Company (20 Weeks), Practical Seminar
Intensification Phase II (62 CPs, 6th-7th Semester)	Applied Artificial Intelligence	Business Modelling	Production & Logistics		Scientific Research Methods Seminars, Bachelor Thesis
	Profile Education based on Elective Courses				

* 1st-3rd semester all lectures in English, while international students improve their German skills; afterwards, lectures partly in English / partly in German.

Lived Internationality

Our students come from all over the globe. The course of studies is designed in such a way that foreign students are successively introduced to the German language and culture in order to be able to apply for jobs in German companies. Consequently, all our lectures are taught entirely in English at the beginning and lectures from the fourth semester onwards are partly held in English / partly in German to enable international students to further improve their German language skills. The Augsburg University of Applied Sciences maintains a large network of partner universities worldwide. In addition to the possibility of spending a semester abroad, degree seekers, incoming and outgoing students ensure an intensive international perspective. Internationally oriented courses and foreign languages are central components of the study program.