



# Bachelor of Science in Business Information Technology

- Play an active role in shaping **digital transformation**
- Be the bridge between **business & information technology**
- Study in an **English-speaking international** environment

# Business Information Technology

## You help shape the digital future

The business world is in the midst of digital transformation. Companies need modern business models, efficient processes and effective strategies to be successful. As a business information technology (BIT) specialist, you play a key role for this success. You build the bridge between IT and the business departments, design innovative IT solutions and move companies forward.

## You combine business, IT and innovation

As a BIT specialist, you work at the interface between business, IT and innovation. You speak the language of business as well as that of information technology. Through your communication skills, you ensure the successful cooperation of both fields. You hold discussions with all the people involved and recognise their needs and requirements. You are also familiar with the challenges and processes of companies. At the same time, you know the technical possibilities of information technology and digitalisation. In this way, you ensure optimal interaction and actively participate in the further development and optimisation of companies.

## You study in a practical and needs-oriented way

As a student of business information technology, you will acquire the necessary skills directly from our lecturers with practical experience. By choosing a specialisation, you focus either on the technical, analytical or management-oriented aspects of business information technology and specialise in the corresponding subject area. In various student projects, you will gain experience in dealing with clients, presenting your solutions to management and working on real challenges for renowned companies.

## We provide you with the necessary tools

Are you interested in topics such as processes, strategy or management and are you just as fascinated by the technical world of software development, data and digitalisation? Do you think in a networked way, like to analyse and are enthusiastic about innovative solutions for a sustainable future? Then the Bachelor's degree programme in business information technology is just right for you. Never programmed before? Accounting still means nothing to you? Never mind. The teaching is designed so that no previous knowledge is required.

# Career prospects

Studying BIT opens the door to a versatile career for you. You are well prepared for the future, in which information technology plays an increasing and central role. As a business information technology expert, you will be able to take on a variety of roles and functions in a wide range of industries and companies - depending on your personal preference, with more reference to business or more to IT. Or you can realise your dream and become self-employed. You will also find a wide range of support options for this during your studies.

The economy is urgently looking for young people who can advance companies at the interface between IT and the specialist departments. Whether in international corporations, a small SME or an up-and-coming start-up, the demand for BIT experts is huge. Get your "pole position"!

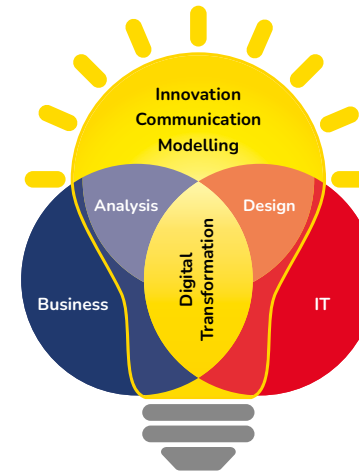
# Career opportunities



## Key data

<b>Degree</b>	Bachelor of Science in Business Information Technology
<b>ECTS points</b>	180
<b>Start</b>	September
<b>Studying mode</b>	Full-time or part-time
<b>Duration</b>	3 or 4 years
<b>Teaching language</b>	English
<b>Locations</b>	Basel or Brugg-Windisch
<b>Semester abroad</b>	Optional
<b>Double Degree</b>	Possible
<b>Semester fee</b>	CHF 700
<b>Programming skills</b>	Not required

## Business Information Technology



Playing an active role in shaping digital transformation, bridging between business and information technology, studying in English in an international environment: that is BIT.

### Customer Care Center

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For further information on the application process in Business Information Technology go to:

[fhnw.ch/study-bit](https://www.fhnw.ch/study-bit)

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# Module overview part-time

Semester 1	Semester 2	Semester 3	Semester 4 →	Semester 5 →	Semester 6	Semester 7	Semester 8	Module groups	ECTS
Business Maths 1	Business Communication 1	Business Communication 2	Business Maths 2	Statistics and Probability	Ethics and Law	Specialisation	Specialisation	Foundation	25/30
Principles of Management	Accounting	Economics	Corporate Finance and Controlling	Logistics and Supply Chain Management	Corporate Strategy	Specialisation	Specialisation	Business Administration	25/30
Introduction to BIT	Business Process Management	Enterprise Systems	Project Management	Business Intelligence	Digital Business Models	Practical Project	Bachelor Thesis	Business Information Technology	25/30
Programming 1	Requirements Engineering	Programming 2	Database Technology	IT-Security	Internet Technology			Information Technology	25/30
Assessment	Reflection Job Experience	Electives 3 <sup>rd</sup> Semester onwards	Reflection Job Experience	Topics in Business Information	Reflection Job Experience		International Projects	Student Work	25
								Specialisation	20
								Electives	≥15
								Total ECTS	180

→ ideal semester abroad

## Assessment stage

You will complete the assessment stage in the first semester before moving on to the main programme in the second semester.

## Main programme

In the main programme, you attend compulsory modules from the module groups Foundation, Business Administration, Information Technology and Business IT. Student work ensures the link between theory and practice. You can choose freely from an exciting range of elective modules and international projects according to your interests and preferences.

## Individual areas of specialisation

The specialisations are completed in the last year of your studies and are listed on your degree certificate. This allows you to put together an individual study portfolio based on your interests and career aspirations. The areas of specialisation cover the needs of the job market and make an important contribution to addressing the shortage of skilled workers in the IT environment.

## Full-time or part-time studies

The choice is yours: the course can be completed full-time in three years or part-time in four years.

If you decide to study full-time, the modules shown above will be spread over three years. Part-time students can have up to 15 ECTS points credited to their studies if they work at least 50% in an IT or commercial environment.

## Areas of Specialisations



### Business Analytics

The future is now: Leading companies to success with Big Data and Artificial Intelligence.



### Cybersecurity Management

Handling threats within the digital world with cybersecurity management.



### Digital Business Management

Shaping innovative ideas, digital products and services.



### Software Engineering Leadership

Using state-of-the-art software solutions to automate processes within the company while building developer expertise.

The FHNW University of Applied Sciences and Arts Northwestern Switzerland comprises the following schools:

- FHNW School of Applied Psychology
- FHNW School of Architecture, Construction and Geomatics
- Basel Academy of Art and Design FHNW
- **FHNW School of Business**
- FHNW School of Education
- FHNW School of Engineering
- FHNW School of Life Sciences
- Basel Academy of Music FHNW
- FHNW School of Social Work

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