

- The following faculties of the University of Applied Sciences and Arts Northwestern Switzerland offer Master programmes:
- School of Applied Psychology
 - School of Architecture, Civil Engineering and Geomatics
 - Academy of Art and Design
 - School of Life Sciences
 - Academy of Music
 - School of Teacher Education
 - School of Social Work
 - School of Engineering
 - **School of Business**

University of Applied Sciences and Arts
Northwestern Switzerland
School of Business
Riggenbachstrasse 16
4600 Olten
Switzerland
T +41 (0) 848 821 011
info.business@fhnw.ch
www.fhnw.ch/business/msc

Master of Science in
Business Information Systems



MSc Business Information Systems

Learn to innovate in the digital economy.

The Master of Science in Business Information Systems has been designed for ambitious students who are committed to pursuing a career on the integration of business and information technology. The course provides students with up-to-date methods and skills to cope with the challenges of digitalization.

Practice-orientation, Innovation, International

The goal of the course is to empower students to effectively exploit information and information systems for the success of enterprises in a globalized, networked and digital economy.

Going beyond the current state of practice, we enable students to gain result-oriented problem solving competences and empower them to become drivers of innovation in their enterprises.

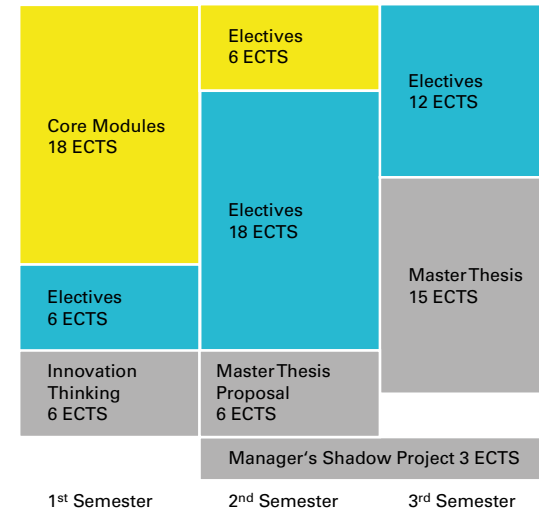
A multi-cultural learning community field trips and study opportunities abroad make the course truly international.



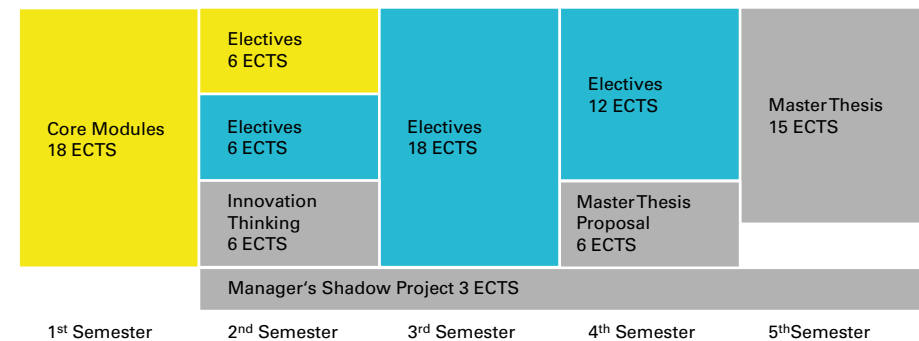
Contact

Prof. Dr. Knut Hinkelmann
T +41 62 957 23 01
knut.hinkelmann@fhnw.ch

Full-time course



Part-time course

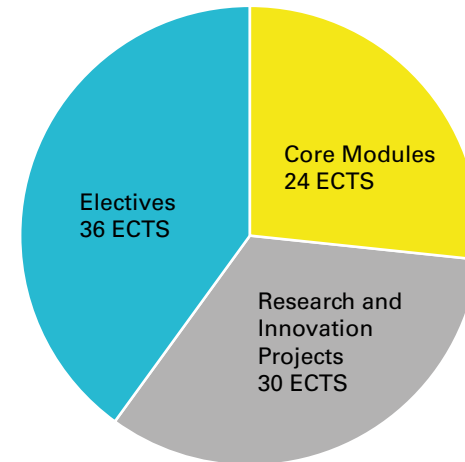


Curriculum and content

The curriculum is divided into three main module groups.

Module Groups	Modules	ECTS
Core Modules	Alignment of Business and IT	6
	Business Process Management	6
	IT Management and Cloud Computing	6
	Strategic Management in the Digital Economy	6
Research and Innovation Projects	Manager's Shadow Project	3
	Innovation Thinking	6
	Master Thesis Proposal	6
	Master Thesis	15
Electives	Business Analytics: Quantitative Methods	6
	Business Intelligence	6
	Challenging International Managers and Leaders	6
	Compliance Management and Governance of IT	6
	Cyber Security and Cyber Resilience	6
	Digitalization of Business Processes	6
	E-Business and Mobile Business	6
	Entrepreneurship and Economic Development	6
	Innovative Topics in Information Systems	6
	Knowledge Processing and Decision Making	6
	Knowledge Management and Competence Development	6
	Optimization for Business Improvement	6
	Supply Chain Management	6
	Independent Learning Module	6

Individual Study Design



Projects and a variety of electives allow students to design their course programme individually according to their preferred areas of interest.

The course is offered as

- a full-time course of 3 semesters (1.5 years) or
- a part-time course of 5 semesters (2.5 years).

The course can be flexibly adapted to personal constraints and opportunities. A combination of full-time and part-time studies over 4 semesters or even an extension to 6 semesters and more is possible. The students can decide themselves, which and how many modules they attend during each semester.

Excellent Career Prospects

The course prepares students for demanding tasks in the corporate and academic world.

- Ongoing digitalization will raise the importance of information systems for the success of companies. This will lead to an increasing demand for information systems specialists over the coming years.
- The course qualifies graduates to write a doctoral thesis. In cooperation with our partner university in Camerino we offer opportunities for subsequent PhD studies.

Dual Degree/Double Degree

We offer the opportunity to enhance the Master of Science in Business Information Systems with additional degrees

- In collaboration with the University of Camerino (Italy) we offer the opportunity to undertake an exchange and gain an additional Master of Science in Computer Science from our partner university.
- After successful graduation from the MSc in Business Information Systems there is the opportunity to transfer credits for the additional Master of Science in International Management FHNW.

International Field Trips

Field trips to Silicon Valley, South Africa and South America open up opportunities for our students to understand other countries' economic, social, political and cultural systems and develop a global mindset.

International exchange opportunities

Exchange programmes can be combined with writing the master's thesis in cooperation with one of our carefully selected partner universities abroad. Successful partnerships have been established with the Cape Peninsula University of Technology in Cape Town, South Africa and the Department of Informatics at the University of Pretoria, South Africa.

Tuition Language

The course is taught entirely in English.

Entry Requirements

The registration requirements for the Master of Science in Business Information Systems encompass

- a Bachelor of Science or Bachelor of Arts in Business Informatics (Wirtschaftsinformatik), Information Systems, Business Administration (Betriebsökonomie), Computer Science (Informatik) or a similar field of study
- good or very good grades
- good or very good linguistic abilities in English
- work experience

Pre-Master's Modules

If a candidate lacks some of the knowledge required for the Master of Science in Business Information Systems, the admission commission can request her/him to attend a Pre-Master programme before the start of the Master's course.

We offer three different courses:

- Pre-Master Business Administration
- Pre-Master Business Process Management
- Pre-Master Information Systems

The Pre-Master courses are offered in a distance-learning mode, free of charge for accepted students.

Tuition Fees

Application fee	once	CHF 200
Course fee	per semester	CHF 700/ CHF 7,500 ^{*)}
Copying and materials	per semester	CHF 100
Student organisation	per semester	CHF 10
Diploma fee	once	CHF 300

^{*)} Personal course fee is CHF 700 per semester for

- Swiss, EU or EFTA citizens,
 - holders of Swiss residence permits not issued specifically for study purposes.
- The tuition fee for all other students is CHF 7,500 per semester.

Teaching Location

Teaching is offered in Olten.