

# Bachelor of Science in **Business Information Technology**



## Welcome!



**Prof. Dr. Michael Pülz**  
Programme Head  
BSc Business Information Technology  
(Basel)  
michael.puelz@fhnw.ch



**Orla Bächlin**  
Administrative Assistant  
BSc Business Information Technology  
(Basel)  
orla.baechlin@fhnw.ch  
Working hours: Monday-Thursday

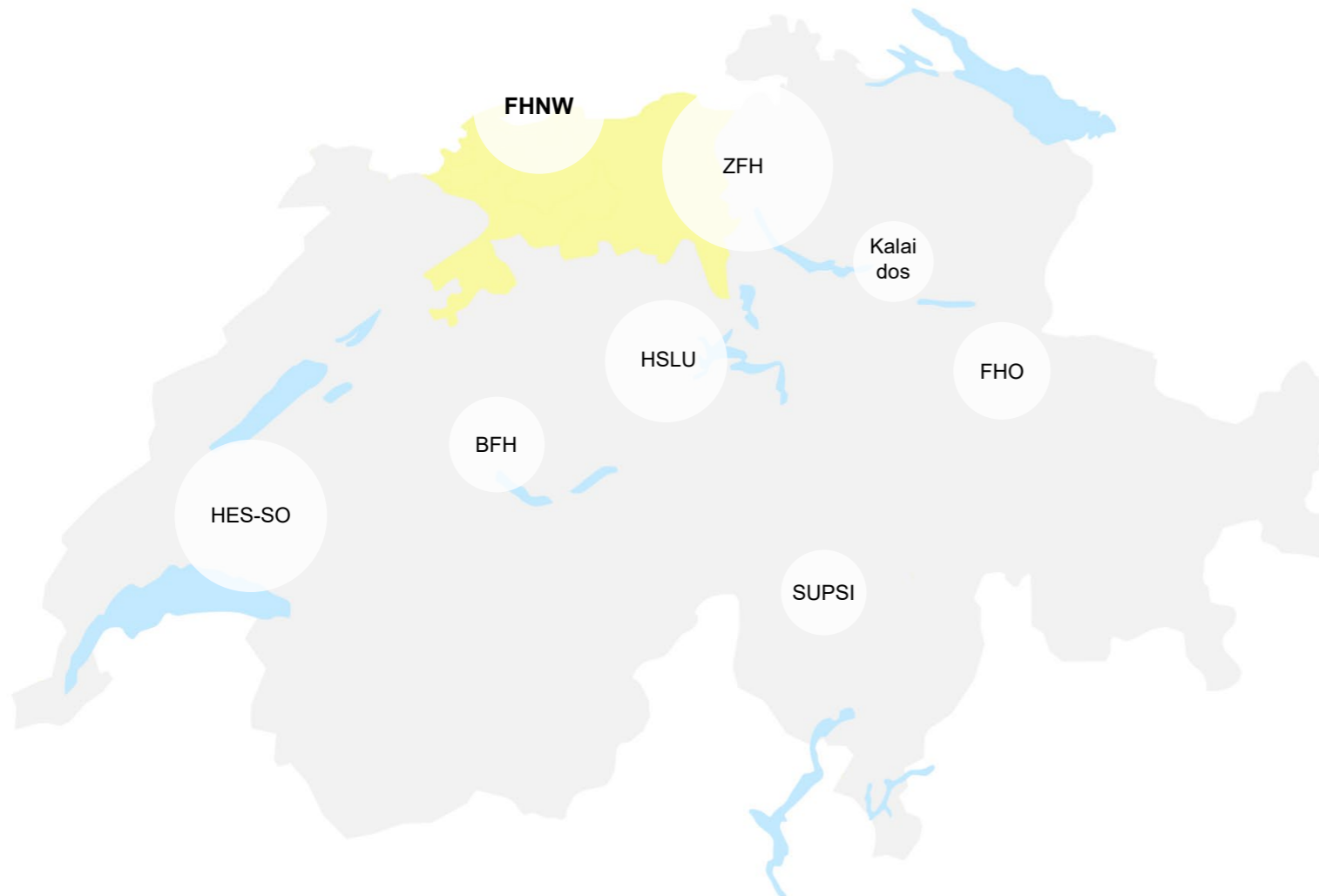


**Prof. Andreas Reber**  
Programme Head  
BSc Wirtschaftsinformatik (Olten),  
Business Information Technology  
(Brugg-Windisch)  
andreas.reber@fhnw.ch



**Kathrin Schürch**  
Assistant  
BSc Wirtschaftsinformatik (Olten),  
Business Information Technology  
(Brugg-Windisch)  
kathrin.schuerch@fhnw.ch

## Business Schools



**FHNW** Fachhochschule  
Nordwestschweiz

ZFH Zürcher Fachhochschule

HES-SO Haute école spécialisée de Suisse  
occidentale

HSLU Hochschule Luzern

BFH Berner Fachhochschule

FHO Fachhochschule Ostschweiz

SUPSI Scuola universitaria professionale  
della Svizzera italiana

Kalaidos Kalaidos Fachhochschule (private)

# FHNW School of Business

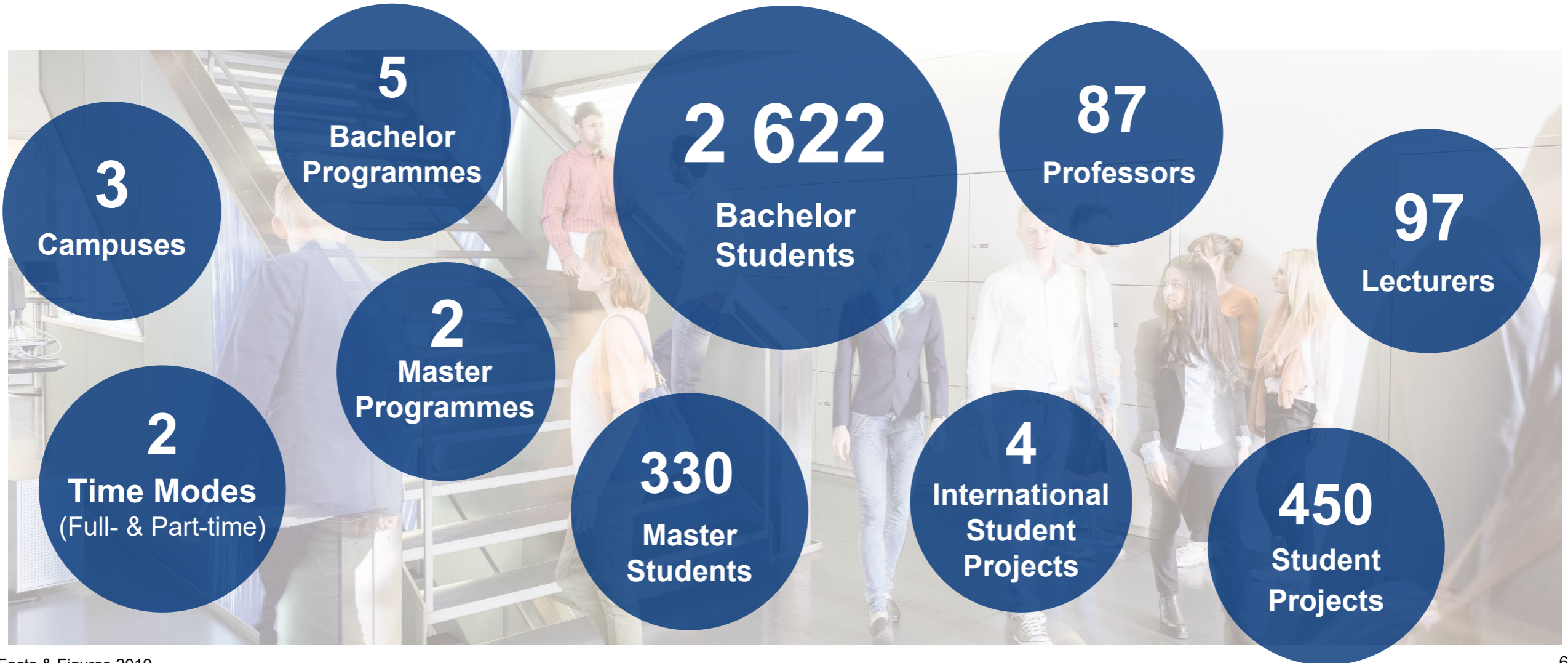


## FHNW School of Business

Our mission:

**“We educate innovative and  
responsible managers  
for a networked and dynamic  
world.”**

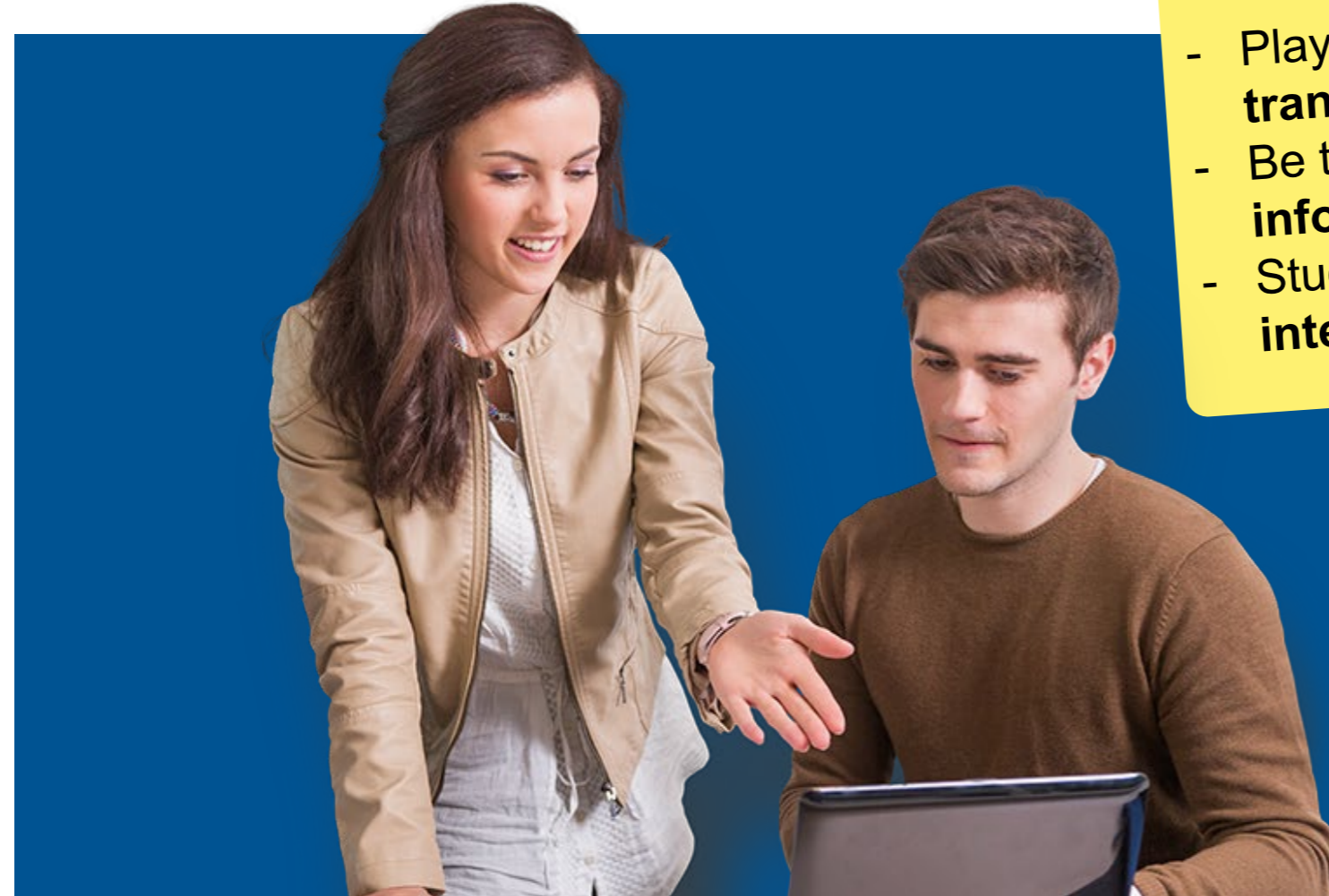
## FHNW School of Business



## Five Bachelor Programmes

<b>Business Information Technology</b>	<b>English</b>	<b>Full- or Part-time</b>	<b>In Basel or Brugg-Windisch</b>
<b>Wirtschaftsinformatik</b>	<b>German</b>	<b>Full- or Part-time</b>	<b>In Olten</b>
<b>Betriebsökonomie</b>	<b>German</b>	<b>Full- or Part-time</b>	<b>In Basel, Olten or Brugg-Windisch</b>
<b>Business Administration (International Management)</b>	<b>English</b>	<b>Full- or Part-time</b>	<b>In Olten or Brugg-Windisch</b>
<b>International Business Management (trinational)</b>	<b>French, German and English</b>	<b>Full-time</b>	<b>In Colmar, Lörrach and Basel</b>

## Bachelor in Business Information Technology



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

Register now!  
[www.fhnw.ch/bit](http://www.fhnw.ch/bit)







## Bachelor in Business Information Technology



## Programme Goals

Graduates of BSc in Business Information Technology...

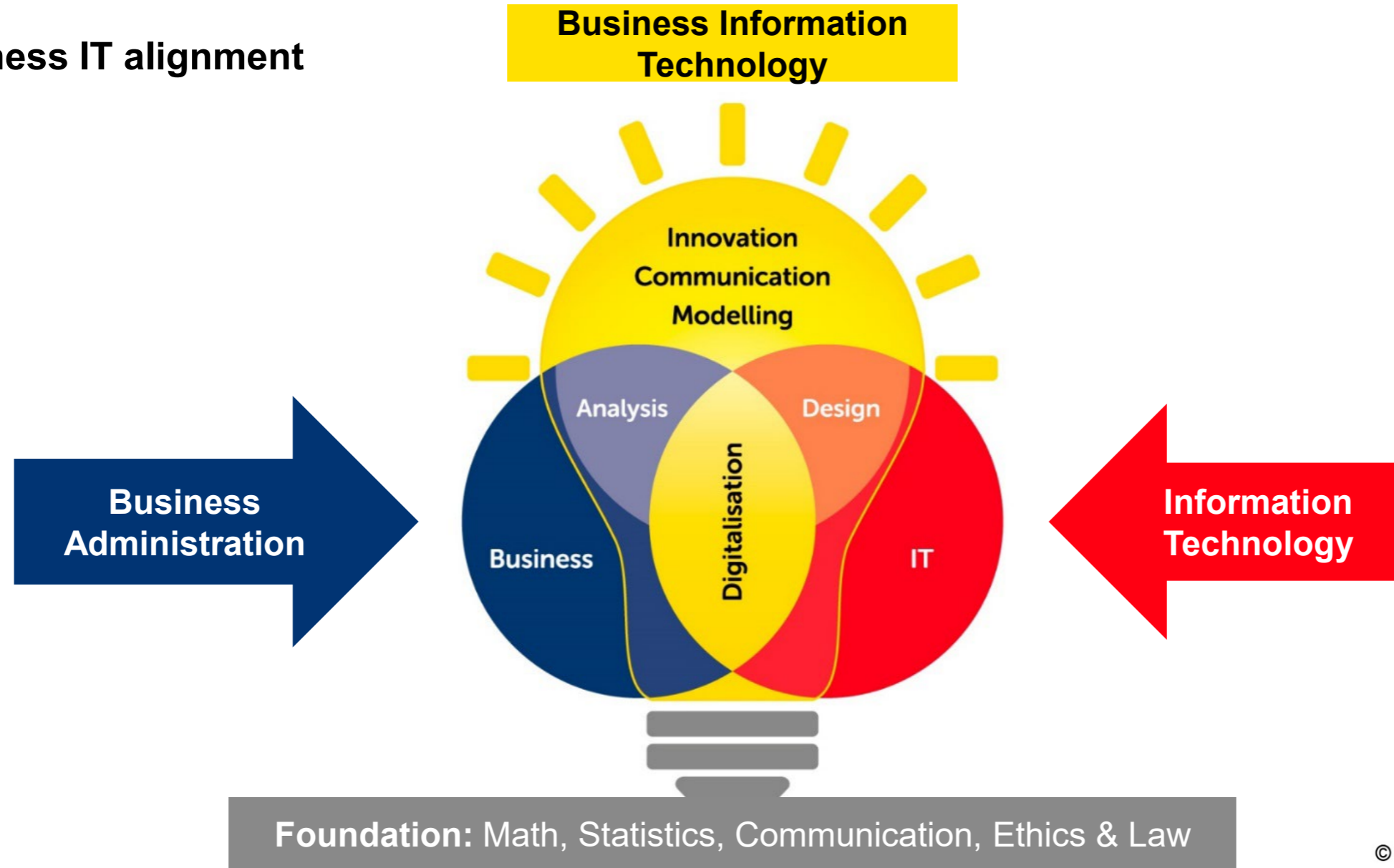
... acquire in-depth  
knowledge and skills  
in process  
management.

... develop and  
evaluate feasible  
solutions to business  
information  
technology problems.

... communicate  
convincingly and in  
a manner appropriate  
to their audience.

... are responsible  
specialists  
and managers in  
a dynamic IT  
environment.

## Business IT alignment



*subject to minor adaptations*

## Module overview full-time

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
Business Communication 1	Business Communication 2	Business Communication 3	Statistics and Probability	Specialisation	Specialisation
Business Maths 1	Accounting	Business Maths 2	Economics		
Principles of Management	Programming 2	Marketing / Social Media	Logistics / Supply Chain Management	Ethics and Law	Knowledge Management
Programming 1	Database Technology	Internet Technology	IT-Security	Corporate Finance and Controlling	Bachelor Thesis
Requirements Engineering	Business Process Management	E-Business	Business Intelligence	Practical Project	
Introduction to BIT	Project Management	Enterprise Systems	Topics in Business Information Technology		Elective



*subject to minor adaptations*

## Module overview part-time

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
Business Maths 1	Business Communication 1	Business Communication 2	Business Maths 2	Statistics and Probability	Business Communication 3	Specialisation	Specialisation
Principles of Management	Accounting	Marketing / Social Media	Economics	Logistics / Supply Chain Mgmt	Corporate Finance and Controlling		
Programming 1	Requirements Engineering	Programming 2	Database Technology	Internet Technology	Business Intelligence	Ethics and Law	Bachelor Thesis
Introduction to BIT	Business Process Management	E-Business	Enterprise Systems	IT-Security	ToBIT	Knowledge Management	
	Reflexion Job Experience		Reflexion Job Experience	Project Management	Reflexion Job Experience	Practical Project	Elective
						Elective	International Projects



## Areas of Specialisation (final year)

For students starting their studies in 2021 in their last academic year

**Software Engineering**

**Technical focus**

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**Business Analytics**

**Analytical focus**

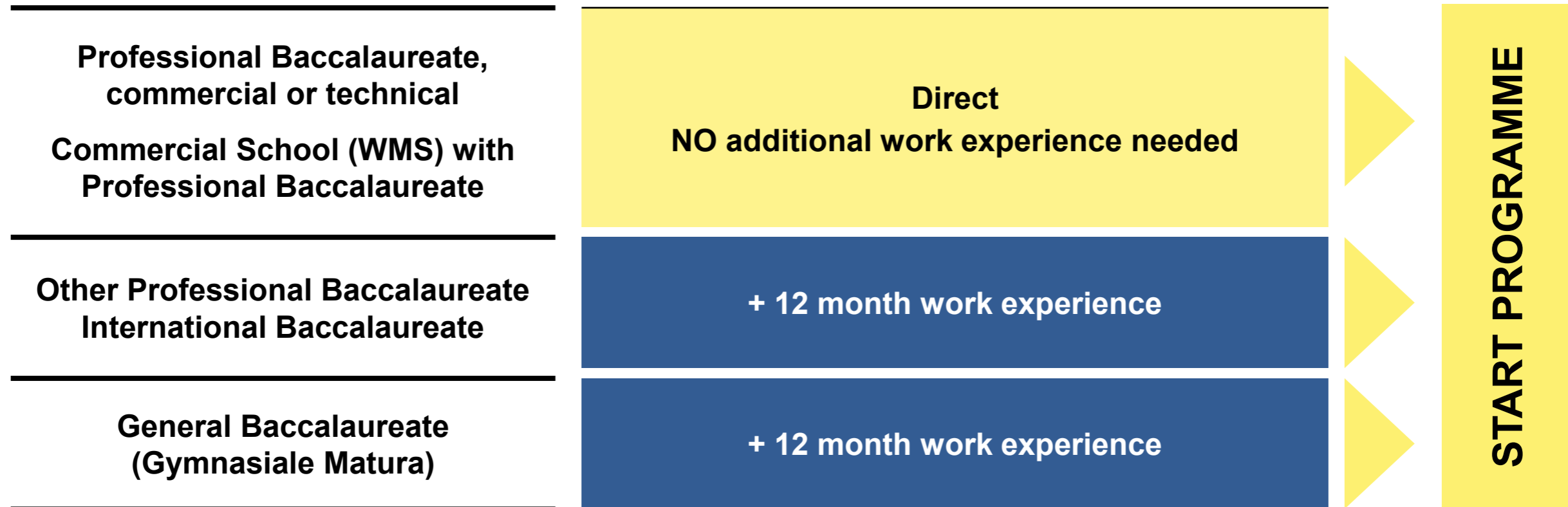
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**Digital Business Management**

**Management focus**

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## Admission

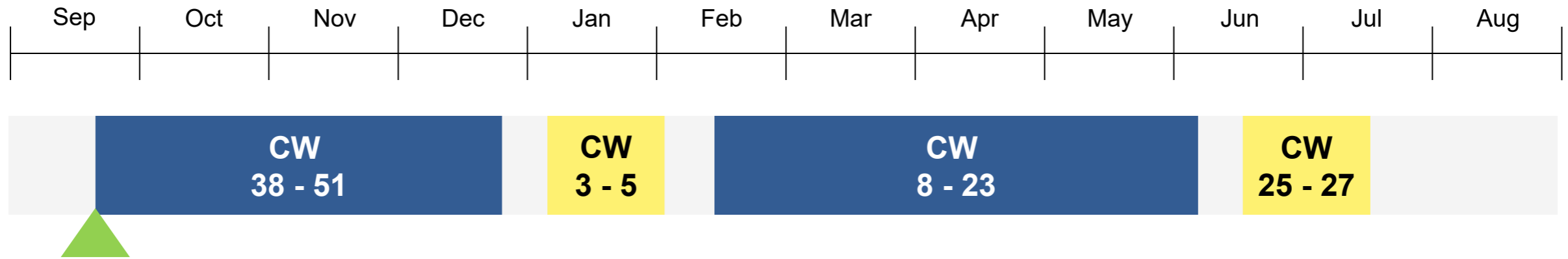


You can find more details here:

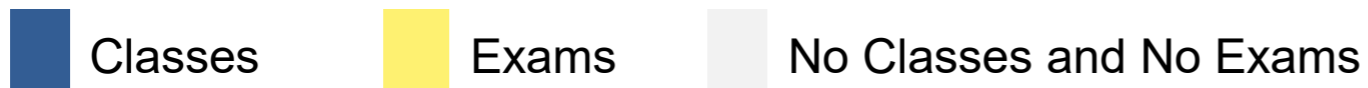
In English: <https://www.fhnw.ch/en/degree-programmes/business/bsc-in-business-information-technology/admission>

In German: <https://www.fhnw.ch/de/studium/wirtschaft/wi/zulassung>

## Academic year



**CW 37 Introduction week (1st year students only)**





## Teaching times **in Basel (in English)**

### Full-time

	Mon	Tue	Wed	Thu	Fri	Sat
<b>08.15-12.00</b>						
<b>13.15-17.00</b>						
<b>17.15-21.00</b>						

### Part-time

	Mon	Tue	Wed	Thu	Fri	Sat
<b>08.15-12.00</b>						
<b>13.15-17.00</b>						
<b>17.15-21.00</b>						

For some modules you will have to be present **outside** the **normal class hours** and **outside** your “home” campus.

## Teaching times **in Olten (in German)**

### Full-time

	Mon	Tue	Wed	Thu	Fri	Sat
<b>08.15-12.00</b>						
<b>13.15-17.00</b>						
<b>17.15-21.00</b>						

### Part-time

	Mon	Tue	Wed	Thu	Fri	Sat
<b>08.15-12.00</b>						
<b>13.15-17.00</b>						
<b>17.15-21.00</b>						

For some modules you will have to be present **outside** the **normal class hours** and **outside** your “home” campus.

## Teaching times **in Brugg (in English)**

### Full-time

	Mon	Tue	Wed	Thu	Fri	Sat
<b>08.15-12.00</b>						
<b>13.15-17.00</b>						
<b>17.15-21.00</b>						

### Part-time

	Mon	Tue	Wed	Thu	Fri	Sat
<b>08.15-12.00</b>						
<b>13.15-17.00</b>						
<b>17.15-21.00</b>						

For some modules you will have to be present **outside** the **normal class hours** and **outside** your “home” campus.

## Workload



**ECTS:** European Credit Transfer and Accumulation System

**1 ECTS** corresponds to roughly **30 hours student work**

**A typical module in BIT: 5 ECTS (roughly 150 h)**

**Take responsibility** for your learning success:

- Start studying from week one on
- Work on your homework assignments
- If necessary: reduce your working hours

## Examples of Student Projects

Scaling strategy for a FinTech-startup

Automated solution for pharmaceutical quality system

Developing an IT strategy

Requirements engineering for the workplace of the future

Data visualization using Business Intelligence

Analysis of large data sets to improve service quality

Specification of an automated risk-calculator

Digital learning assistant

Developing and testing data mining algorithms

Tool-supported knowledge management

MachinaWare 









Endress + Hauser 

**Despite the pandemic, our world is global.  
International experience is crucial for your career  
and personal development.**

## **Internationalisation**

### **→ Our offer to you:**

- Short intensive programmes**
- Summer Schools**
- Internationalisation@home**
- Virtual Exchange**
- Exchange Semester**

### **→ How to prepare yourself:**

- Good grades**
- Getting involved in student events and activities**
- Fulfilling the required language skills**
- Getting informed about our partner universities**

**Contact the International Office for  
questions: [io.business@fhnw.ch](mailto:io.business@fhnw.ch)**



## Semester Abroad

### Where to go?

Our partner universities around the world

[web.fhnw.ch/plattformen/iobusiness/abroad/partners](http://web.fhnw.ch/plattformen/iobusiness/abroad/partners)

### When to go?

Full-time students should go in semester 3

Part-time students should go in semesters 4 or 5

### Prerequisites?

Passed semester 1 assessment level

An agreed upon learning agreement

## International Student Projects (final year)





ParMag AG — Basel  
Business Analyst - Requirement Engineer - Consultant

**Technical Business Analyst**  
ELCA Informatik AG

**IT Project Manager**  
ELCA Informatique SA, Basel

## Career opportunities: Business–IT alignment

... IT Project Management ...

**Long-term Senior Project Manager for Pharma**  
ITech Consult AG, Kaiseraugst

**IT Business Partner Finance / Project Manager**  
Genedata AG, CH-4053 Basel

... Business Analytics ...

**Project Manager (all genders) Life Science**  
Accenture AG, Basel

... Consulting ...

**Microsoft Information Data Strategy Advisor**  
Accenture AG  
Basel

**Business Intelligence Engineer**  
Bank J. Safra Sarasin AG, Basel

... IT Management ...

**Solution Architect**  
F. Hoffmann-La Roche AG, Kaiseraugst

**Lead Group Data Analytics (f/m)**  
Axpo Services AG, Baden

... System Development ...

**Junior Consultant (all genders) - Cyber Security**  
Accenture AG  
Basel



**ITECH CONSULT**  
Business Analyst/ Requirements Engineer

... in global companies, small and medium enterprises, in different industries, in a start-up ...

**Avaloq Developer (with focus on Accounting & Legal Reporting topics)**

**ASPIRE Master Data Business Information Architect (m/f/d)**

1201 F. Hoffmann-La Roche AG | Kaiseraugst

... or you start your own business !



**Manager - Corporate Compliance Services (Life Sciences) in Basel**

## Links for Online Application

### BSc Business Information Technology

Locations: Basel, Brugg-Windisch  
Study Mode: Full-time & Part-time

Register now!  
[www.fhnw.ch/bit](http://www.fhnw.ch/bit)



### BSc Wirtschaftsinformatik

Standort: Olten  
Studienmodelle: Vollzeit & Teilzeit

Register now!  
[fhnw.ch/wi](http://fhnw.ch/wi)



#### **Please note:**

Please register through the **programme specific link**. Programmes that are offered in German and in English count as **two separate programmes**.

## Q & A session



**THANK YOU and SEE YOU AGAIN!**

