

BSc Business Information Technology

BSc Wirtschaftsinformatik

Andreas Reber

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Studiengangleitung BSc Wirtschaftsinformatik



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BSc in Wirtschaftsinformatik / 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



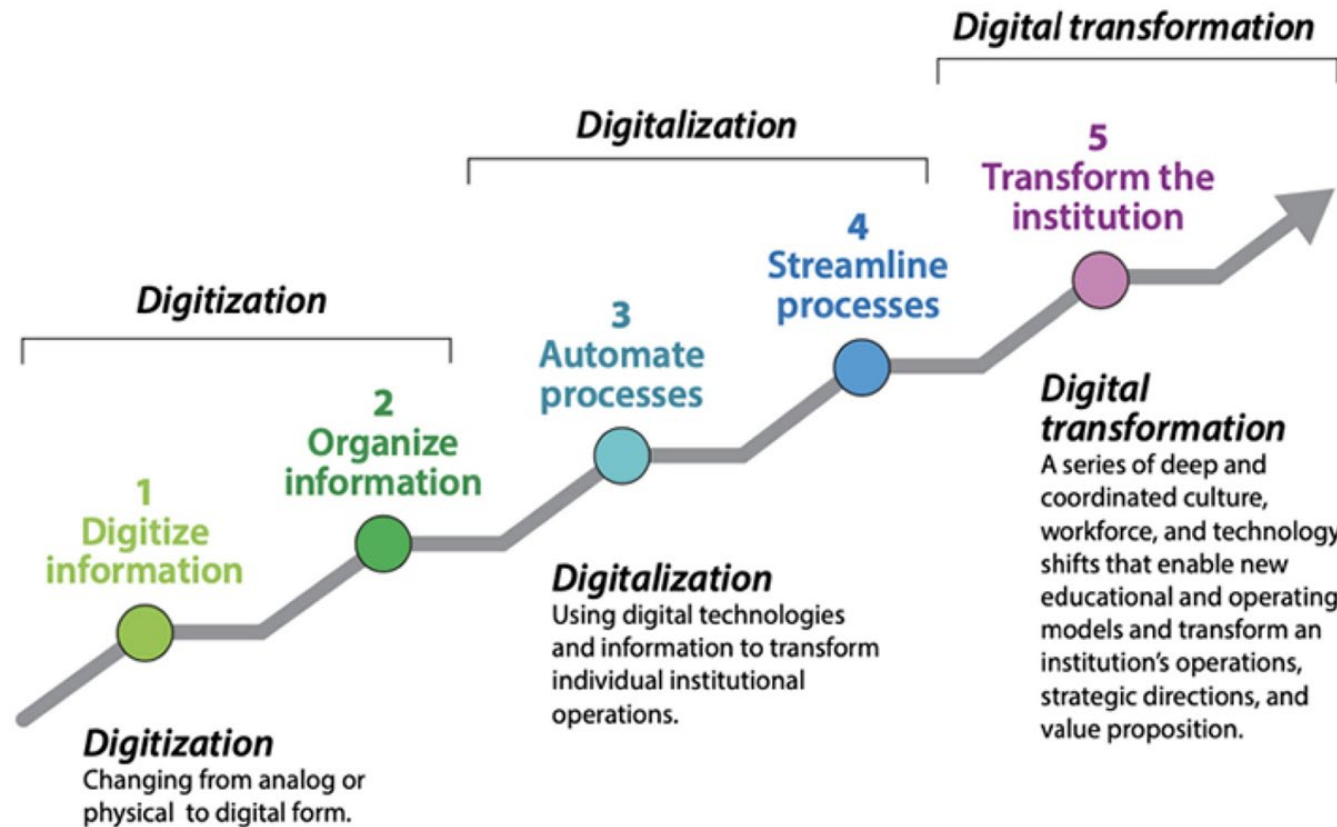
Register now!
www.fhnw.ch/wi



Register now!
www.fhnw.ch/study-bit



Digital transformation: happening right now and near you!



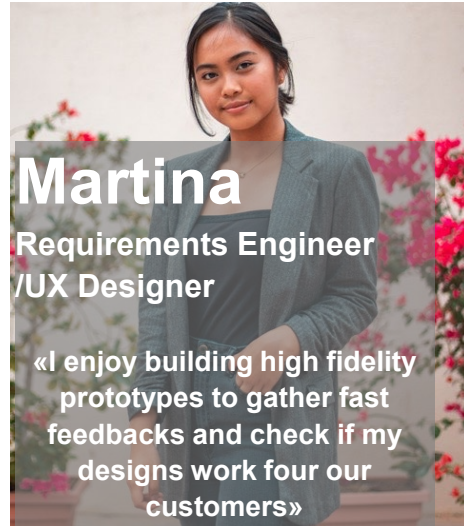
www.jisc.ac.uk

Typical jobs for WI/BIT graduates



Claudia
Project Manager

«Supporting large projects, where multiple departments are working together is challenging but rewarding»



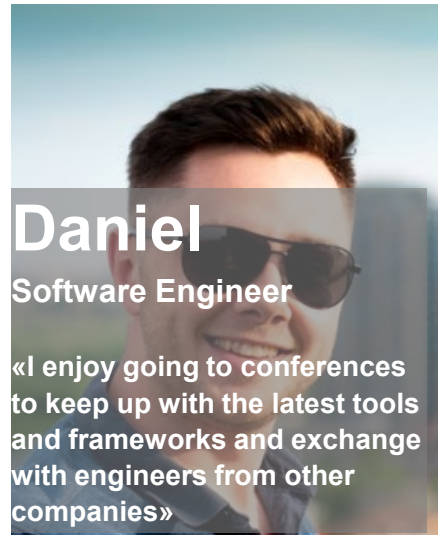
Martina
Requirements Engineer
/UX Designer

«I enjoy building high fidelity prototypes to gather fast feedbacks and check if my designs work for our customers»



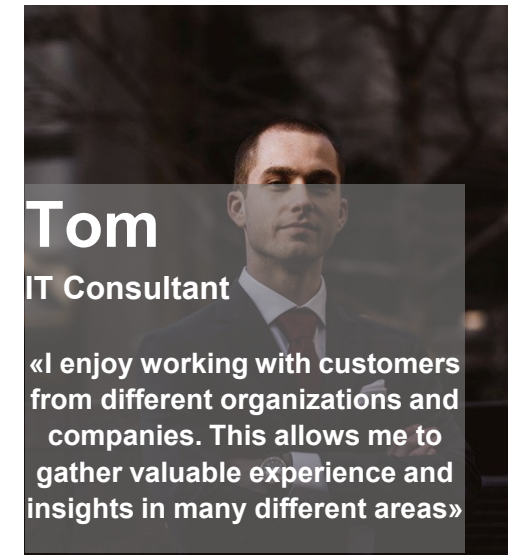
Sophia
Business Analyst

«Working agile to straddle the line between IT and the business and improve efficiency.»



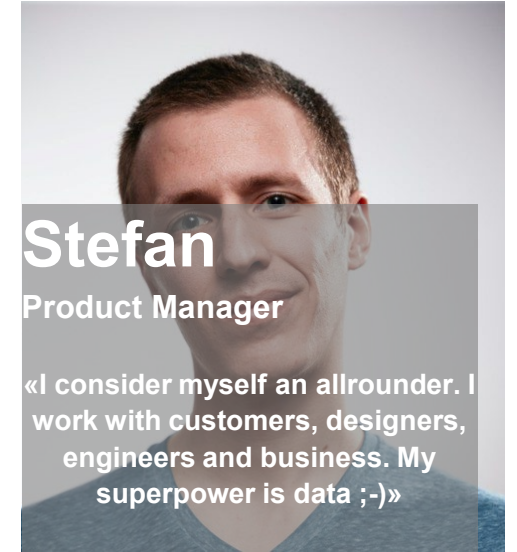
Daniel
Software Engineer

«I enjoy going to conferences to keep up with the latest tools and frameworks and exchange with engineers from other companies»



Tom
IT Consultant

«I enjoy working with customers from different organizations and companies. This allows me to gather valuable experience and insights in many different areas»



Stefan
Product Manager

«I consider myself an allrounder. I work with customers, designers, engineers and business. My superpower is data ;-))»

...and many other professional opportunities

Cybersecurity
Manager

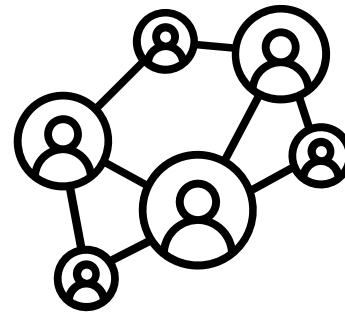
Data Analyst /
Data Scientist

IT Manager

IS / IT Auditor

IT Account
Manager

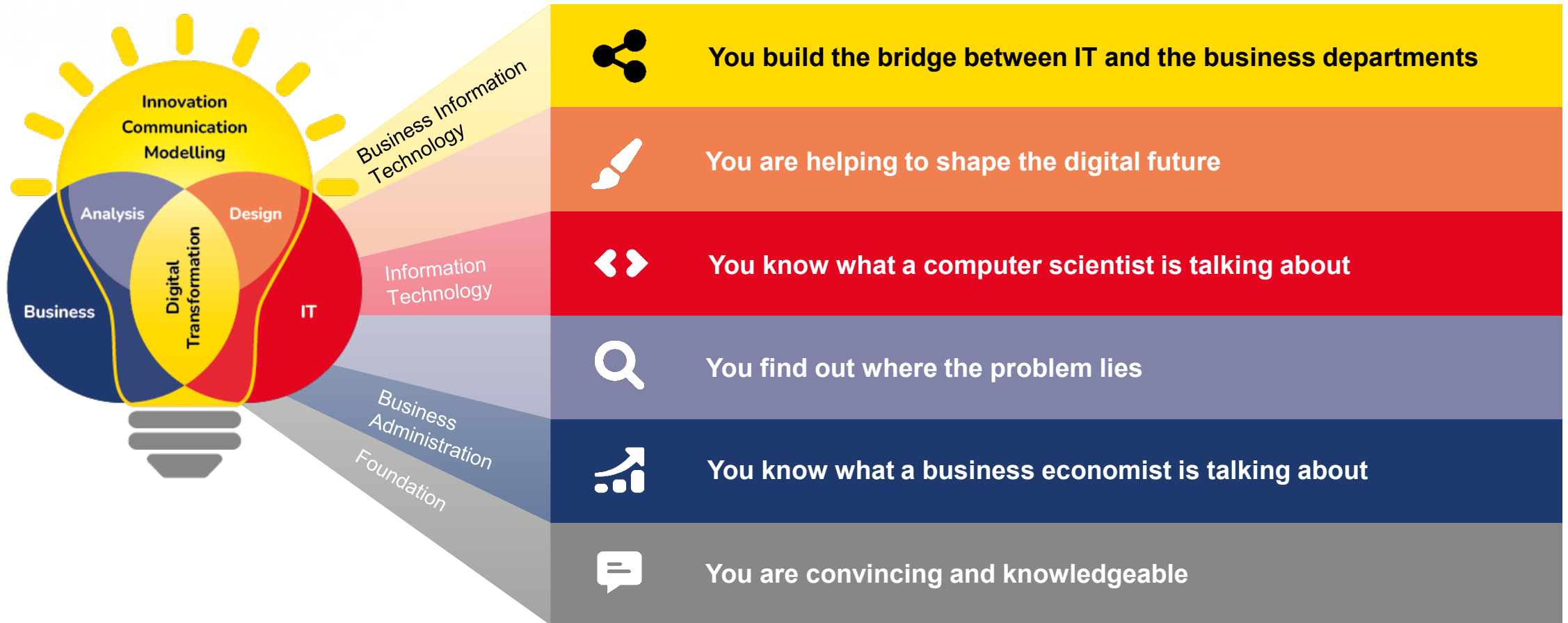
Blockchain Expert



... jobs not even
invented yet...

IT Entrepreneur

What is Business Information Technology?



Your advantages of the study program

Broad specialist and industry knowledge in business and IT

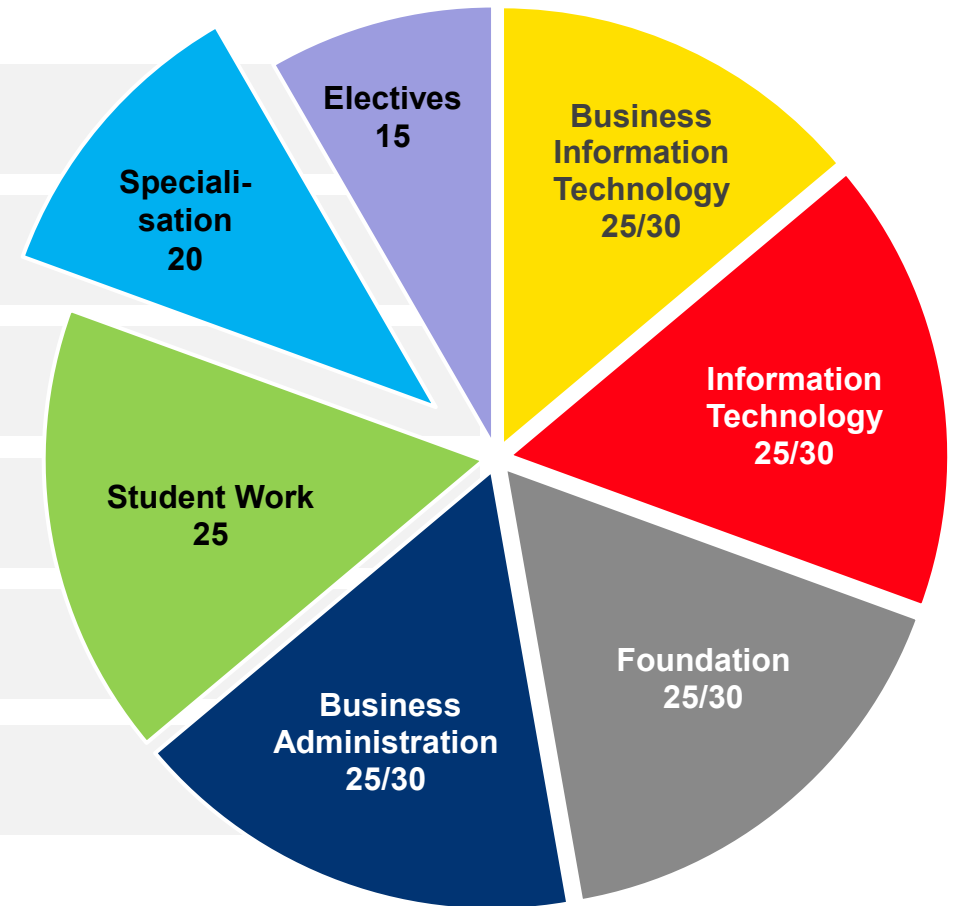
Specialisation in a sub-area of business information technology

> 1/3 of the program can be customized

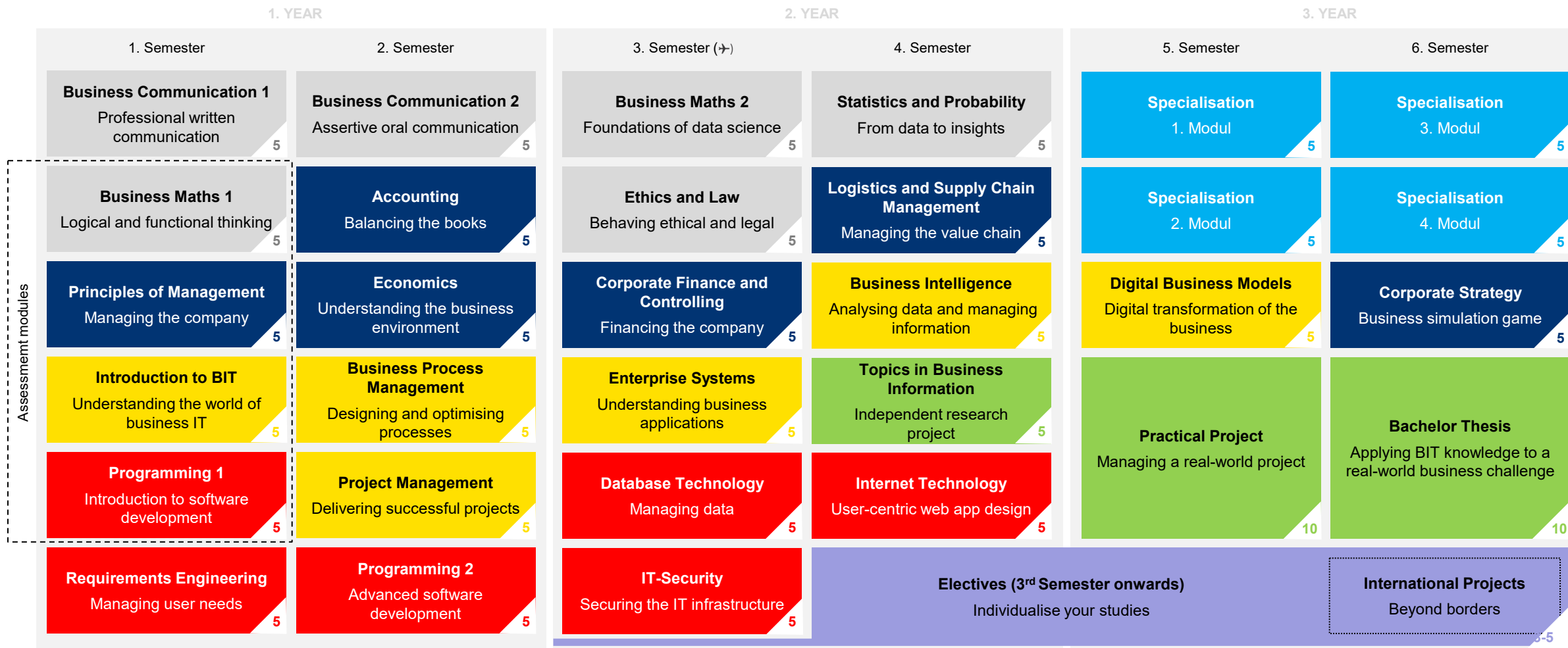
Practical relevance - practical projects / case studies

Optional semester abroad in the full-time and part-time model

Wide range of career opportunities



Module overview BSc Business Information Technology / Full-time



Foundation
25/30 ECTS

Business Administration
25/30 ECTS

Business Information
Technology
25/30 ECTS

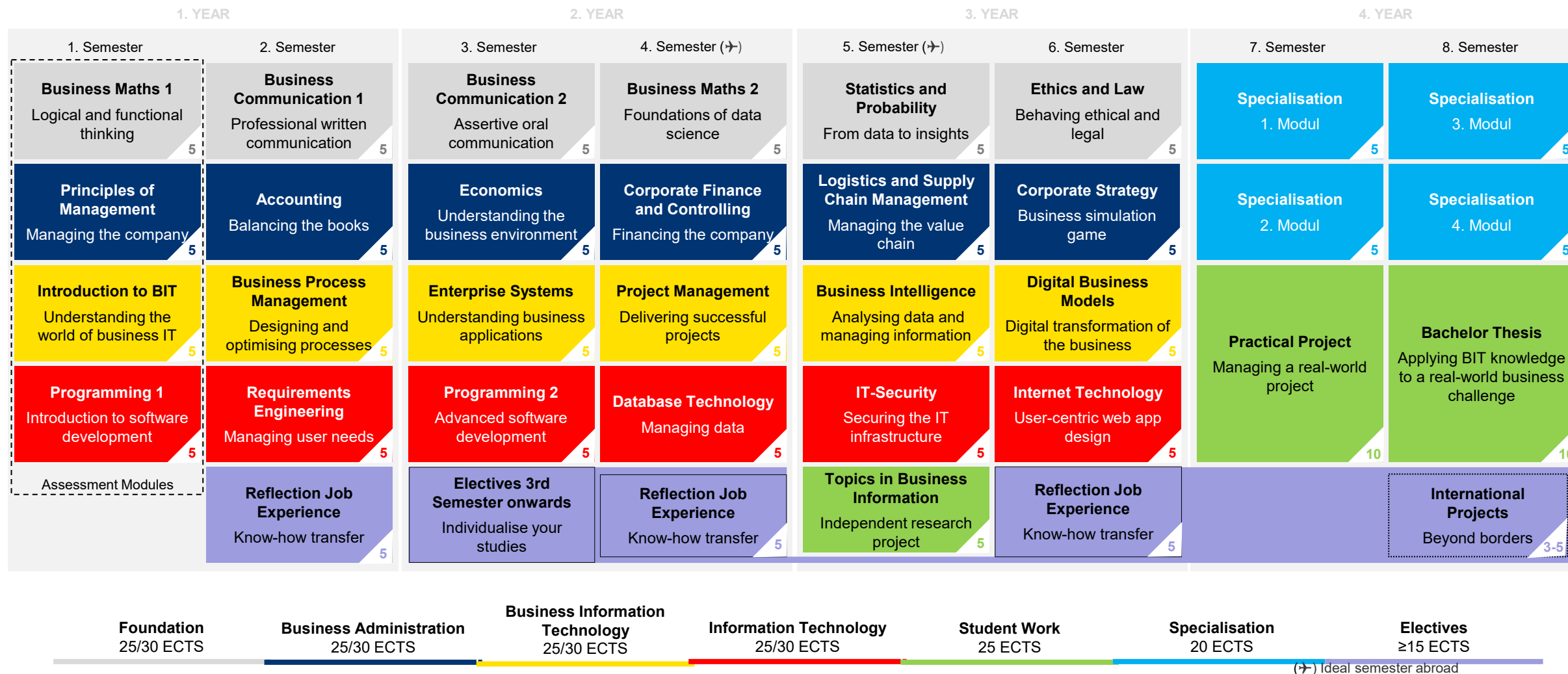
Information Technology
25/30 ECTS

Student Work
25 ECTS

Specialisation
20 ECTS

Electives
≥15 ECTS

Module overview BSc Business Information Technology / Part-time



Specialisations

	Semester 5/7	Semester 6/8
Software Engineering Leadership	Agile Application Lifecycle Management	Software Architecture
	Software Engineering	IT-Project
Business Analytics	Machine Learning with Python	Time Series Analysis with R
	Big-, Semi- and Unstructured Data	Analytics Project
Cybersecurity Management	Data Privacy	Cyber Resilience
	Strategic Digital Management	Information Systems Auditing
Digital Business Management	Digital Innovation & Design Thinking	Cyber Resilience
	Strategic Digital Management	Information Systems Auditing

Technical focus

Analytical focus

Risk focus

Management focus

Examples of BIT student projects

Adjusting enterprise IT cost-model for public cloud services

Requirements analysis and vendor evaluation for data governance

Migration and change management concept for a new intranet tool

Automated solution for pharmaceutical quality system

Developing an IT strategy

Requirements specification for a construction project software

Data visualization using Business Intelligence

Digital optimization of the sales process

AI to identify audit relevant documentation

Master data management through machine learning

Developing and testing data mining algorithms

Process optimization and digitalization



Semester Abroad

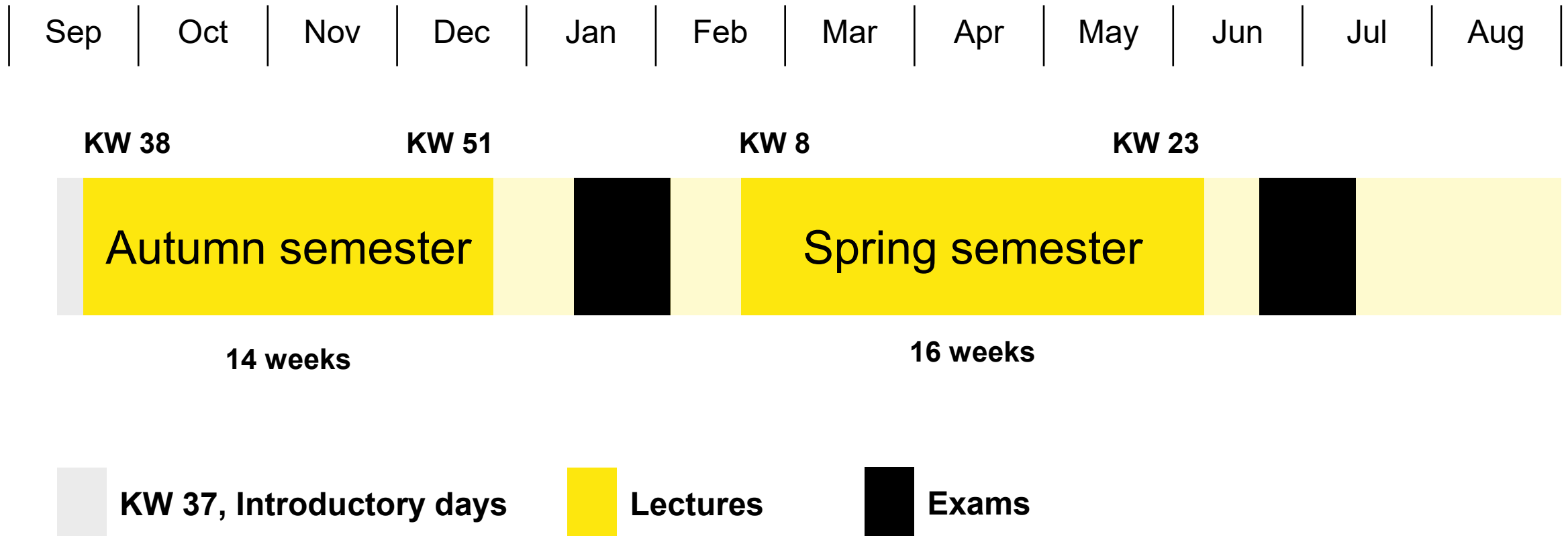
- We foster relationships with partner universities all around the world

Requirements

- Assessment passed
- Learning agreement



Academic Year



General teaching times*

in Basel (in English)

Full-Time

	Mon	Tue	Wed	Thu	Fri	Sat
08.15-12.00						
13.15-17.00						
17.15-21.00						

Part-Time

	Mon	Tue	Wed	Thu	Fri	Sat
08.15-12.00						
13.15-17.00						
17.15-21.00						

*)Teaching times will differ in the final year, since specialisations will be at a specific day for all students (full-time or part-time; in either Basel, Brugg, or Olten).
Some modules (e.g. electives) might take place outside the normal class hours and outside your “home” campus.

General teaching times*

in Brugg-Windisch (in English)

Full-Time

	Mon	Tue	Wed	Thu	Fri	Sat
08.15-12.00						
13.15-17.00						
17.15-21.00						

Part-Time

	Mon	Tue	Wed	Thu	Fri	Sat
08.15-12.00						
13.15-17.00						
17.15-21.00						

*)Teaching times will differ in the final year, since specialisations will be at a specific day for all students (full-time or part-time; in either Basel, Brugg, or Olten).
Some modules (e.g. electives) might take place outside the normal class hours and outside your “home” campus.

General teaching times*

in Olten (in German)

Full-Time

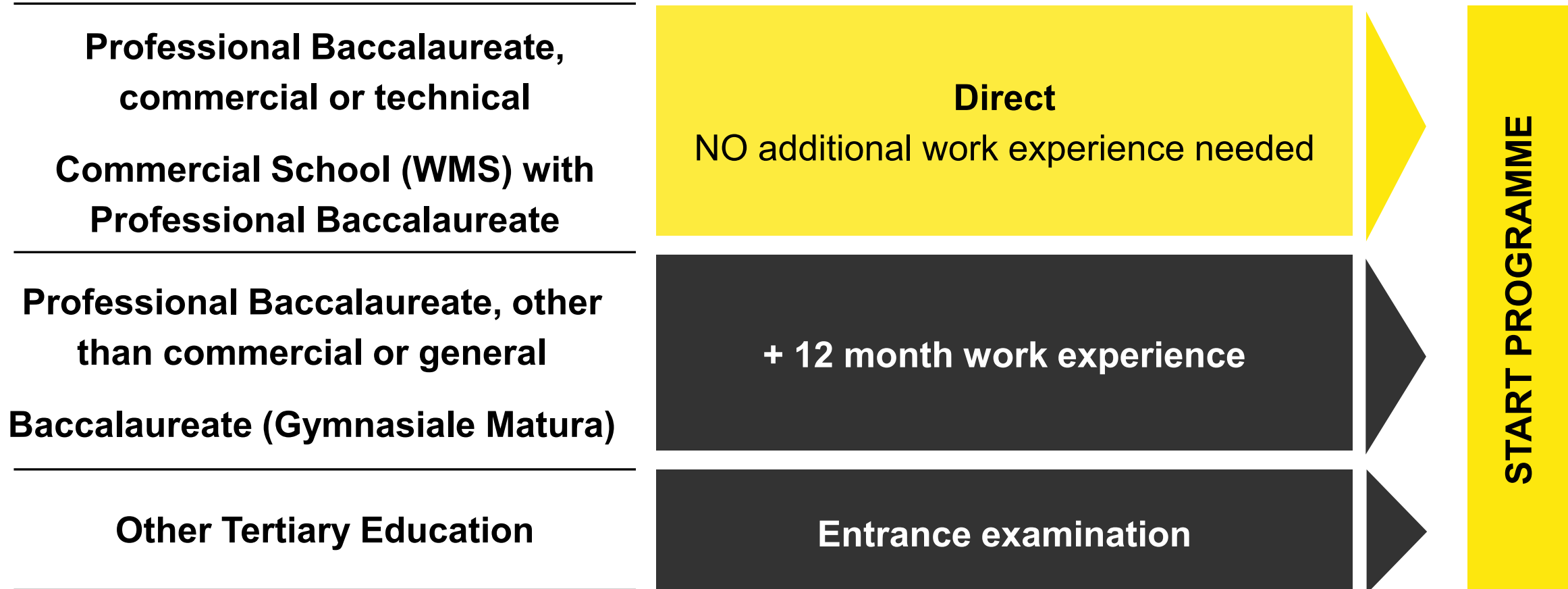
	Mon	Tue	Wed	Thu	Fri	Sat
08.15-12.00						
13.15-17.00						
17.15-21.00						

Part-Time

	Mon	Tue	Wed	Thu	Fri	Sat
08.15-12.00						
13.15-17.00						
17.15-21.00						

*)Teaching times will differ in the final year, since specialisations will be at a specific day for all students (full-time or part-time; in either Basel, Brugg, or Olten).
Some modules (e.g. electives) might take place outside the normal class hours and outside your “home” campus.

Admission



Inquiries concerning applications

(e.g. international applications, professional experience, etc.)

All questions about international applications should be addressed to the central enrollment office in Olten:

admission.business@fhnw.ch

See also: <https://www.fhnw.ch/en/people/admissions-office>



Links for online application

BSc Wirtschaftsinformatik

Standort: Olten

Studienmodelle: Vollzeit & Teilzeit

Dauer: 3 oder 4 Jahre

Start: September

Jetzt anmelden!

fhnw.ch/wi-studieren



Studiengangleitung:

Prof. Andreas Reber (Olten)

BSc Business Information Technology

Location: Basel, Brugg-Windisch

Study Mode: Full-time & Part-time

Duration: 3 or 4 years

Start: September

Register now!

fhnw.ch/study-bit



Dean:

Prof. Dr. Michael Pülz (Basel, Brugg-Windisch)

Q&A session

