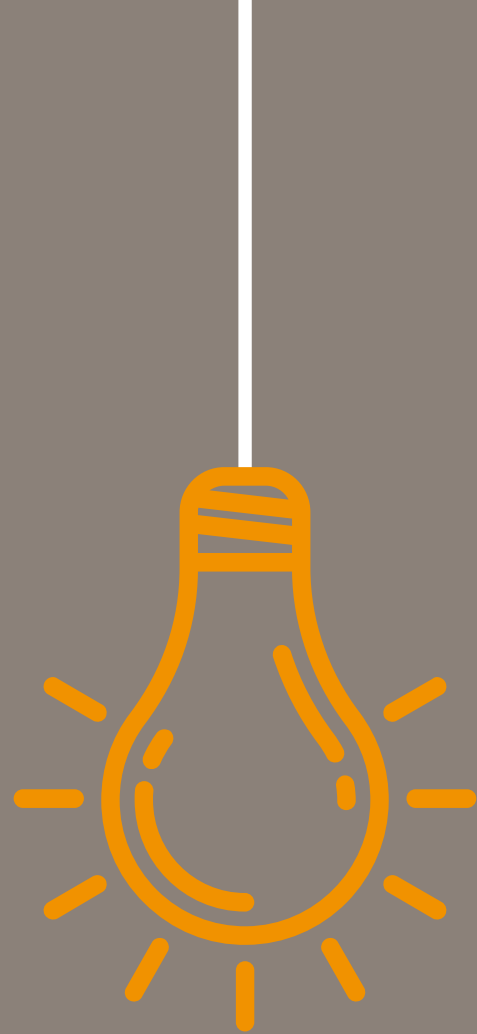




Ostbayerische Technische Hochschule
Amberg-Weiden

#DIGITECH4FUTURE

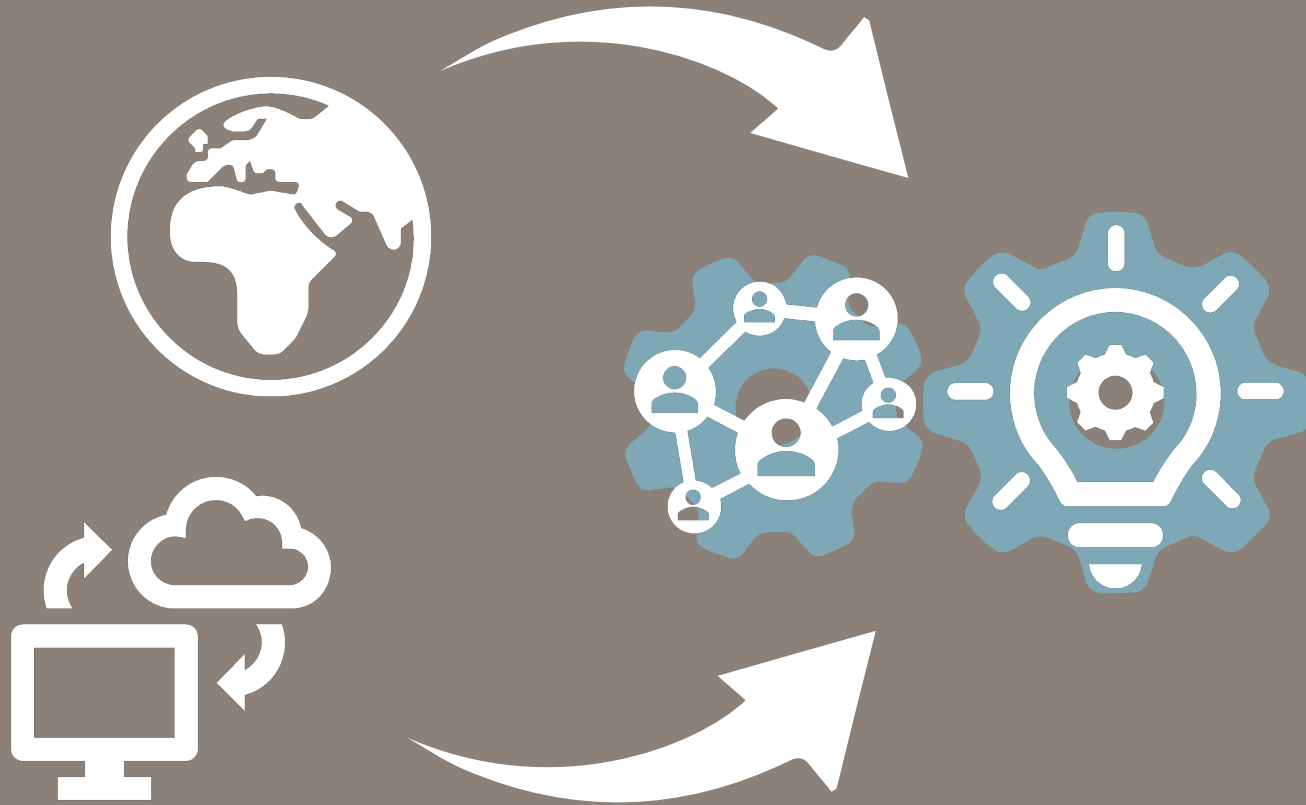


B.Sc.

Digital Technology and Management

Presentation of the Study Program

A unique program addressing the challenges of digitalization and globalization



01

Globalization and digitalization are changing fundamentally how businesses operate

02

In order to be successful, in depth knowledge of IT or management is not enough - interdisciplinarity is key

03

Not only knowledge, but skills are essential: creativity, languages, intercultural competence, agility, team work ...

Come and i-study with us



interdisciplinary

Broad and at the same time in-depth curriculum with high application relevance and project work

international

Fully taught in English while still acquiring at least B2.2 German skills, international internship, cooperation with partner universities

individual

8 elective modules, entrepreneurship and research project to realize own idea, different study paths to address different language levels

IoT-focussed

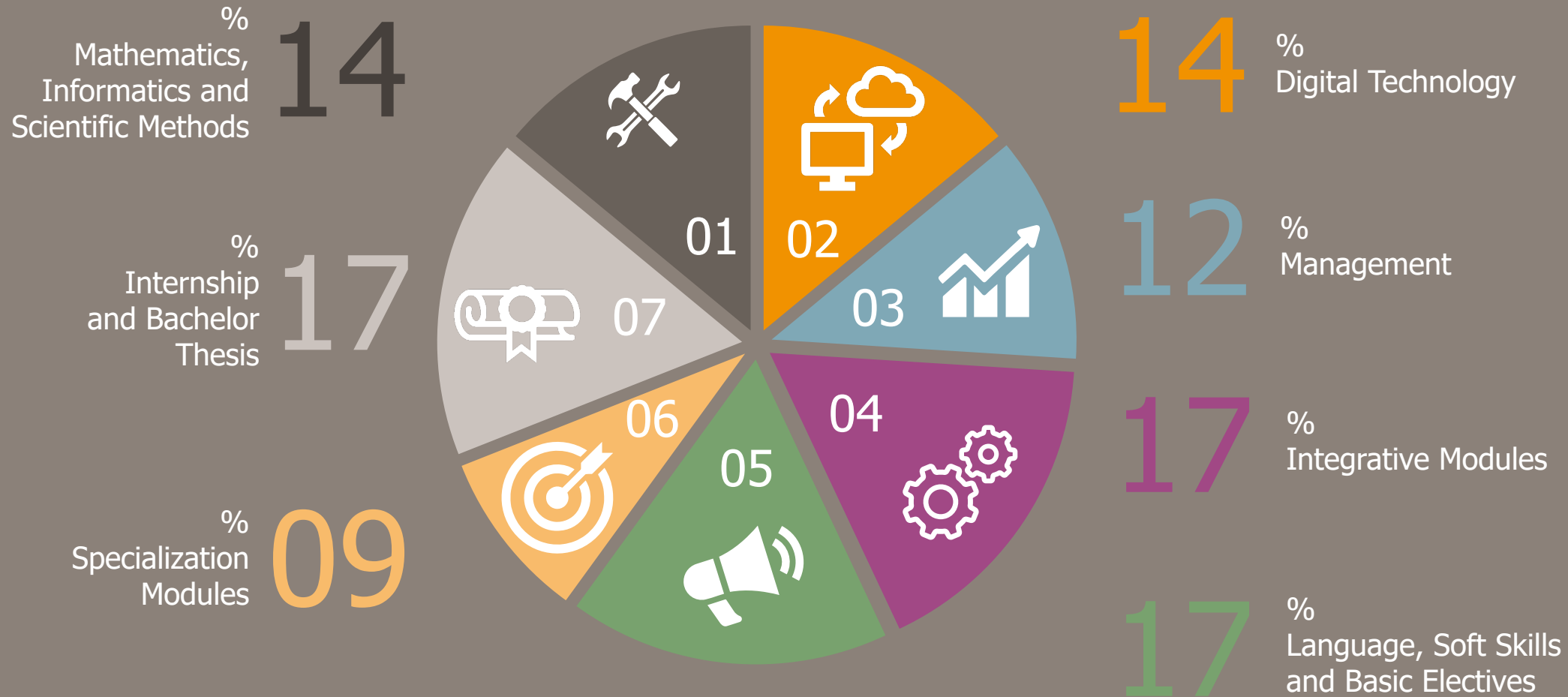
Understand and apply the necessary technology and computer science, digitalize operational processes, use digital applications in managerial tasks

This is how we do it



Spotlight on
the curriculum

Interdisciplinary curriculum



Course of Study

	Fundamentals of Mathematics, Informatics and Scientific Methods	Digital Technology	Management	Integrative Modules	Language, Soft Skills and Basic Electives	Specialization Electives	
	01 	02 	03 	04 	05 	06 	
Semester							
1	Mathematics	IoT Technology	Business Admin		Academic English		
+							
2	Algorithms and Data Structures	Product Management	Accounting & Finance		Technical English		
+							
3	Object-oriented Coding	Sensors for Smart Systems	Digital Marketing and eCommerce	Project Mgmt & Agile Methods	Intercult. Comm.		
+							
4	Statistics & Quant. Methods	Communication Technology		Logistics 1	Basic Elective 1+2		
+							
5	Information Systems and Databases	Production Technology		Industrial Engineering	Basic Elective 3+4		
+							
6	Research and Evaluation Methods						
+							
7		Innovation & Technology Lifecycle Management	Business Simulation	Ethics in Business and Technology		Specialization Elective 1+2	
+				Entrepreneurial Project 1+2		Specialization Elective 3+4	
7				Research Project			
							07 
							Internship and Bachelor Thesis
							Internship
							Bachelor Thesis

Examples of what you'll do

- Be a discoverer: experience the Industrial Internet of Things live in the company
- Be a programmer: develop an app interface
- Be a founder: develop a digital solution in your team and create a business plan
- Be a researcher: conduct your first own research project
- Be an entrepreneur: manage a fictitious company in a business game



A truly international study program

English

- The program is fully English-taught.
- Building on your previous knowledge, you'll learn the specifics of English for academic and technical purposes

2nd foreign language

- Improve your German to at least level B2.2 or even C1
- Already an expert in German? Discover new or extend your knowledge of other foreign languages



Intercultural competence

- Specific module teaching intercultural competencies
- Multicultural student group
- Lots of teamwork to experience intercultural challenges
- Buddy program and helping hands

Work and study

- Internship in country different from your home base
- Short (summer/winter schools) or longer term (semester abroad) exchange programs with partner universities around the world

Individualization from day 1

4

Basic Electives:

Boost your German or soft skills, participate in international summer/winter schools, look beyond the horizon and select modules from other programs.

4

Specialization Electives:

In the final semesters, you will n deepen your knowledge in specific applications of digital technology, such as industrial applications, software technology and systems, big data, business models and international management

2

semester spanning Entrepreneurial Project:

Develop your own digital solution, substantiate it in a business plan and pitch it

1

Research Project:

Get excited about science, dig deeper into something that really interests you and conduct your first independent research project



Job opportunities

Digitalization is a global phenomenon that affects companies across all industries. Therefore, the knowledge and skills acquired in this study program are in high demand...

...in almost **all corporate functions in the value chain** of manufacturing companies, ranging from research, development and engineering to production and logistics, to marketing, sales, and service, all the way to support functions.

...in the **purchasing or sales of digital solutions**

...and, most importantly, in **cross-functional positions** such as project management, product management and corporate development

Highly sustainable:

The skills and knowledge that you will gain during your studies will become **even more important few years into the job.**

This degree program is just right for you if ...



...digitization is not just a buzzword for you, but you are interested in the necessary information and communication technology as well as computer science.



...you are interested in both technical and economic topics.



...you are excited about interdisciplinary and intercultural projects.

Admission requirements

Application

This is the most exciting
study program I have
ever heard about.
I can't wait to start.
Please find attached ...



University entrance qualification



Proof of English B2



Proof of German A2

Your road to OTH

01

International applicants who have not obtained their higher education entrance qualification in Germany must have their credentials reviewed and approved by UniAssist.

03

Enrolment: preliminary admission letter, registration on our student administration platform, upload of documents and payment of administrative fee, issue of student I.D. card and enrolment document

02

Application period
for the winter term: 15 May - 15 July
for the summer term: 15 Nov - 15 Jan
If the number of applicants is lower than the number the University can take in, the application period may be extended.

04

Registration,
Residence Permit, Health
Insurance,
Housing

We won't let you d(r)own!

1

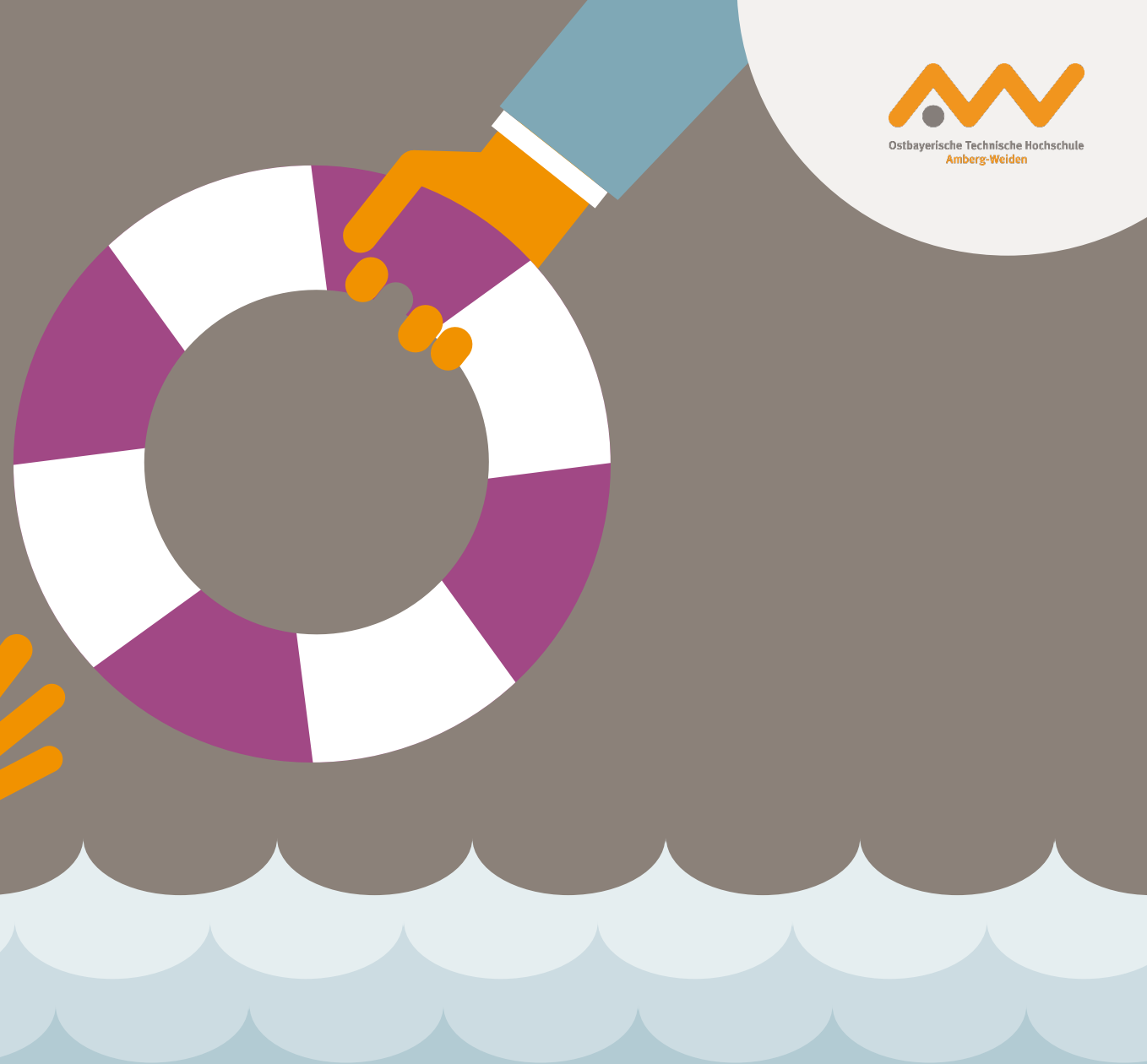
Even before the semester start, we offer an **international orientation week and the "fit for studying" program** providing you with all the necessary info to get you settled in.

2

In the university's **buddy program**, students from higher semesters take first-year students "by the hand", passing on their knowledge about studying and student life.

3

Last, but not least: Thanks to **small student groups**, professors, lecturers and support staff quickly get to know you by name. We are quickly accessible and try to address any problems that might come up.



Happy to help



Prof. Dr. Julia Heigl
Head of the Degree Program DTM
+49 (961) 382-1618
j.heigl@oth-aw.de

Dr. Annabelle Wolff
Head of the International Office
+49 (9621) 482-3131
a.wolff@oth-aw.de

Kathrin Obendorfer
Administrative Staff at the Department
of Industrial Engineering a& Healthcare
+49 (961) 382-1703
k.obendorfer@oth-aw.de

Kathrin Forster
Study Office
Telefon +49 (961) 382-1125
k.forster@oth-aw.de

Where can I find more information?

Find out more about the university, the study program and our support system on our websites:



The study program's website
www.oth-aw.de/dtm-en



Our International Office
<https://www.oth-aw.de/en/inform-yourself-and-discover/facilities/international-office/incoming/>



The university in general
<https://www.oth-aw.de/en/>



Want a sneak peak?

What is a normal study day like?
What experiences do students have during their studies?
What exactly do you learn in the degree programs?

join **Rent-a-student** and accompany a student for a day!
Go to lectures together, visit the library and campus, exchange ideas
and clarify questions.

The campus day offers a unique opportunity to get first-hand
information - from students - and to get a first taste of university life.

Corona note: As many lectures are currently held virtually due to corona, Rent a student is also possible as a virtual format.

<https://www.oth-aw.de/en/study-programmes-and-educational-opportunities/orientation/get-a-first-impression/rent-a-student/>



Key Facts & Figures about the Study Program



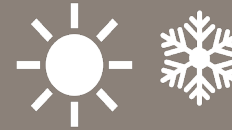
Bachelor of Science (B.Sc.)



Approx. 30 per semester



7 semesters, 210 ECTS



Start in summer and winter



English-speaking program,
Qualifying students to German Level B2.2
Other languages optional



Application period:
for winter term: May 15 – July 15
for summer term: November 15 – January 15
in some semesters , periods may be extended



Taught on campus
in Weiden (Bavaria, Germany)



No tuition,
only student services fee

OTH Amberg-Weiden at a glance

Key figures (Year 2020/21)

(Status: June 2021)

4 Departments

Electrical Engineering, Media und Computer Science

Mechanical Engineering/Environmental Technology

Weiden Business School

Industrial Engineering and Health

49 Study Programmes

27	Bachelor Programmes
14	Master Programmes (consecutive)
7	Postgraduate Master Programmes
1	Orientation study prepareING

Sources:

¹ Studierendestatistik - Primuss, Stand: 07.06.2021;

² SAP VIVA, Stand: 01.06.2021;

Footnote:

*OS: Orientierungsstudium prepareING (Modulstudium)

1.822 First-year students¹

1.230 Winter term (WiSe) 2020/21

592 Summer term (SoSe) 2021

WiSe 2020/21	(OS*) 13	(Bachelor) 994	(Master) 223
SoSe 2021	(OS*) 13	(Bachelor) 333	(Master) 246

3.596 Students¹

1.482 Campus Amberg

2.092 Campus Weiden

22 Cross-site (prepareING)

(OS*) 22	(Bachelor) 2.845	(Master) 729
(männlich) 2.296	(weiblich) 1.298	(k.A.) 2

416 Employees²

95	Professors
13	Special task teachers
93	Scientific staff
215	Non-scientific staff

International

660	International students
81	Partner Universities in 36 countries
2	Double-Degree-Programs

Partner / Networks

19	Innovative LernOrte (ILO)
31	PartnerCircle-Members

Questions?



Ready for take-off

B.Sc. Digital Technology and Management

<https://www.oth-aw.de/dtm-en>

#DIGITECH4FUTURE

