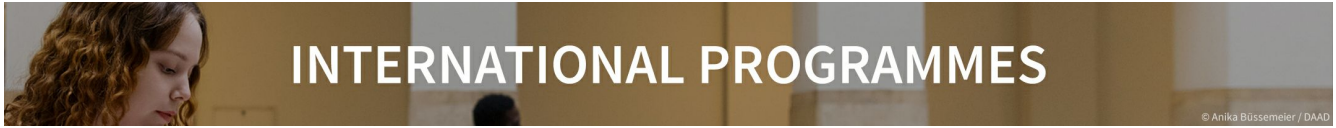




Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Bachelor's degree



## Digital Technology and Management

Ostbayerische Technische Hochschule Amberg-Weiden (OTH) • Weiden in der Oberpfalz



## Overview

Degree	Bachelor of Science (BSc)
Course location	Weiden in der Oberpfalz
In cooperation with	May be studied as a double degree in cooperation with the <a href="#">Management and Digital Technology</a> programme of the University of Western Bohemia.
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	<ul style="list-style-type: none"><li>Mandatory modules are taught 100% in English.</li><li>Language classes (German and possibly other languages as well) are held in the respective language.</li><li>In the sixth and seventh semesters, students may choose up to four electives from a catalogue of English-taught modules. However, students are free to select some modules from other study programmes that are held in German.</li></ul>
Full-time / part-time	<ul style="list-style-type: none"><li>full-time</li></ul>
Mode of study	Fully on-site with voluntary online elements
Programme duration	7 semesters
Beginning	Winter and summer semester
Additional information on beginning, duration and mode of study	Study and examination periods are typically from 1 October to 14 February (winter semester) and 15 March to 31 July (summer semester).
Application deadline	<b>Winter semester application period</b> For the winter semester starting 1 October, you can apply from <b>1 May until 15 July</b> . <b>Summer semester application period</b> For the summer semester starting 15 March, you can apply from <b>15 November until 15 January</b> .

Tuition fees per semester in EUR None

Joint degree / double degree programme Yes

#### Description/content

Digitalisation, connectivity, big data and AI as well as globalisation have revolutionised the way companies are run. These megatrends not only impact the product and service offerings of companies, but they also fundamentally change how companies develop, procure, produce and market, and how they earn money as a result. To master this transformation, companies need graduates...

- who think and act in an interdisciplinary, cross-functional and interfacing way
- who have a deep understanding of digital technologies as well as management know-how
- who possess language skills and intercultural competencies
- who are creative and at the same time strong in implementation
- who are able to familiarise themselves with ever new topics while still keeping an eye on the old

These are **exactly the competencies you will acquire in the Digital Technology and Management programme!**

#### Highlights – these are your study benefits!

- highly topical subjects (digitalisation, networking, big data, globalisation)
- many interdisciplinary subjects, partly in cooperation with partner universities abroad
- completely in English or, from the internship on, also in German
- innovative teaching methods
- extensive practical integration
- first research experience
- options for choice and specialisation from the first semester onwards
- summer and winter schools at home and abroad
- top-class lecturers from science and practice
- modern laboratories and equipment
- small university and close supervision

## Course Details

#### Course organisation

#### Semesters 1 through 4:

- **Fundamentals of Mathematics, Informatics and Scientific Methods**
- **Fundamentals, Components and Applications of Digital Technology** (IoT Technology, Product Management, Sensors for Smart Systems, Communication Technology, Production Technology)
- **Management:** Fundamentals of Business Administration, Accounting and Finance, Business Processes Management and Digital Marketing and eCommerce
- **Interdisciplinary Modules:** Project Management and Agile Methods, Logistics, Industrial Engineering
- **Languages and Intercultural Skills:** English for Academic Purposes, Technical English, Intercultural Communication
- **Basic Electives 1-4**, such as German (mandatory up to B2), international summer/winter schools, additional courses on digital technology, personal skills

#### Semesters 5 through 7:

- Internship
- Innovation and Technology Life Cycle Management
- Business Simulation
- Ethics in Business and Technology
- Entrepreneurial Projects 1+2

- Research Project
- Specialisation Electives (We offer the following specialisation areas, e.g. Data Science, International Management, Health Care, and Digital Factory.)
- Bachelor's Thesis

» [PDF Download](#)

<b>A Diploma supplement will be issued</b>	Yes
<b>Certificates for specific modules are awarded</b>	Yes
<b>International elements</b>	<ul style="list-style-type: none"> <li>• Language training provided</li> <li>• Training in intercultural skills</li> <li>• Projects with partners in Germany and abroad</li> <li>• International guest lecturers</li> <li>• Courses are led with foreign partners</li> <li>• International comparisons and thematic reference to the international context</li> <li>• Content-related regional focus</li> </ul>
<b>Description of other international elements</b>	Participation in (blended) international short-stay programmes, including summer or winter schools, as well as specific intercultural modules such as intercultural communication and language classes
<b>Diverse intercultural background of students</b>	Approx. 90% international students
<b>Integrated internships</b>	<p>An internship with a duration of at least 20 weeks (full-time employment) in a company/institution preferably in Germany or abroad is integrated in the study programme (in the fifth semester).</p> <p>Students with German as a foreign language are expected to complete this in a German company. They will also have the opportunity to acquire a sufficient command of the German language beforehand.</p> <p>The department staff supports the students in finding internships. The university also has a large network of partner companies and offers additional support through its career service office.</p>
<b>Special promotion / funding of the programme</b>	<ul style="list-style-type: none"> <li>• Other (e.g. state level)</li> </ul>
<b>Course-specific, integrated German language courses</b>	Yes
<b>Course-specific, integrated English language courses</b>	Yes

## Costs / Funding

<b>Tuition fees per semester in EUR</b>	None
<b>Semester contribution</b>	Study service fee of 500 EUR/semester plus a student union fee of 87 EUR/semester

For details, please consult this link: <https://www.oth-aw.de/en/international/paths-to-oth-amberg-weiden/study-service-fees-for-international-students/>

#### Costs of living

The cost of living varies from approx. 750 EUR to 900 EUR.

#### Funding opportunities within the university

Yes

#### Description of the above-mentioned funding opportunities within the university

A few scholarships are available. For further information, please visit [scholarships and funding models](#) or contact our [scholarship advising](#) team.

## Requirements / Registration

#### Academic admission requirements

Applicants from outside the European Union need to have their school leaving certificate, diploma or degree verified by an independent organisation (e.g. [uni-assist](#)) before applying to the university.

Only for Indian students: The APS certificate is mandatory before uni-assist will provide you with your Vorprüfungsdokumentation/VPD.

More information on the general applications process can also be found [here](#).

Basis admission requirements for the programme:

- **University entrance qualification (evaluated and confirmed by uni-assist VPD)**
- **English language skills at B2 level** according to the Common European Framework of Reference for Languages
- **German level A2** according to the Common European Framework of Reference for Languages

#### Language requirements

**English language skills at B2 level** according to the Common European Framework of Reference for Languages: ALTE (Level 3), UNICert® II, Cambridge English (First/FCE), TOEFL (min. 72), IELTS (5.0 or better), PTE Academic (min. 59) or TOEIC (min. 785)

**German level A2** according to the Common European Framework of Reference for Languages (This is required upon **entering** the study programme! This means you can **apply** without proof of A2 level knowledge of German, but you must **provide it before the first day of your first semester**)

Why is this required? A **special feature** of the programme is that **non-native German speaking students will acquire sufficient language skills in German to be able to enter the German labour market** at the beginning of the practical study semester and be able to complete the third study section partly in German with an appropriate choice of specialisation modules. This means that **acquisition of German skills at a B2 level is mandatory during the first semesters.**

#### Technical equipment and programmes

The programme integrates practical applications in our laboratories, state-of-the-art machinery and equipment (e.g. collaborative robotics, driverless transportation system, VR, etc.) and most commonly used programming languages and software (e.g. customised SAP ERP system, BI) in as many courses as possible. An extensive digital library is available. Moodle serves as a learning platform. Access to all aspects mentioned is free of charge to students.

#### Application deadline

#### Winter semester application period

For the winter semester starting 1 October, you can apply from **1 May until 15 July**.

### Summer semester application period

For the summer semester starting 15 March, you can apply from **15 November until 15 January**.

#### Submit application to

You can apply electronically during our application period on the following website: [application portal](#).

## Services

#### Possibility of finding part-time employment

In Weiden, there are several internationally operating companies that regularly offer internships and working student activities. As several of our international students are already working students or have part-time jobs, a network is available.

#### Accommodation

There are student dormitories as well as private apartments or rooms available in and around Weiden.

**Student dorms** are located within walking distance of the campus. The apartments have a small kitchen unit and a bathroom with a shower. The dorms offer a recreation room and a laundry room. All of them have special apartments for disabled students and for students with children.

Please note that there is only a limited number of rooms available in the dorms. You need to apply separately for a room in the student dorms. There might be a waiting list.

##### **"Fischerberg" student dorm in Weiden** (60 places)

Rent: 347 EUR to 370 EUR (including advance payment of running costs), deposit: 380 EUR

##### **"Am Postkeller" student dorm in Weiden** (105 places)

Rent: 379 EUR to 399 EUR (including advance payment of running costs), deposit: 470 EUR

If you do not directly get a room in the student dormitory, please check for other possible accommodations in and around Weiden. You can also refer to the following [link](#).

#### Career advisory service

For the career advisory service, please contact the [Study and Career Service](#)

#### Support for international students and doctoral candidates

- Welcome event
- Tutors
- Accompanying programme
- Specialist counselling
- Visa matters
- Buddy programme
- Cultural and linguistic preparation
- Help with finding accommodation
- Support with registration procedures

#### General services and support for international students and doctoral candidates

##### [International Student Club](#)

Please visit the **Welcome Centre** on campus in Amberg and Weiden to find out about all other general services for international students and doctoral candidates.



## Bachelor's on Air – Digital Technology and Management

In this interactive interview, the head of the study programme, Julia Heigl, and the head of the International Office, Annabelle Wolff, present key aspects and benefits of the programme and address questions of prospective students.

» more:

[https://youtu.be/jcJpVAtVluM?  
list=PLLWL5U7TexssNSEzuRgoJy\\_RQ  
kiNIVjAS&t=17](https://youtu.be/jcJpVAtVluM?list=PLLWL5U7TexssNSEzuRgoJy_RQkiNIVjAS&t=17)

# Ostbayerische Technische Hochschule Amberg-Weiden (OTH)



OTH Amberg-Weiden – Weiden campus

© OTH Amberg-Weiden

To get a first impression of what our university has to offer, please take a look at our short [OTH Amberg-Weiden Image Film!](#)

### Portfolio and departments

[OTH Amberg-Weiden](#) is a university with a very unique and international profile. About 25% of all students studying at our university are

international students. The university offers around 50 study programmes in four departments ([Industrial Engineering and Healthcare](#), Weiden Business School, Mechanical Engineering / Environmental Engineering, Electrical Engineering / Media / Computer Sciences), which all reflect current developments in engineering and the economy.

The university cultivates a unique model of co-operations and partnerships with companies, guaranteeing a direct transfer of knowledge and experience between teaching and practice, science and the economy.

### Study programmes

The university offers German and English taught programmes. To learn more about our programmes, take a look at the following website on our [study programmes](#).

### Services

OTH Amberg-Weiden places strong emphasis on service. A staff-to-student ratio of 1:40 ensures excellent conditions for students. Discussions during lectures, small groups and close contact between students and staff are simply taken for granted. The Student Office (Admission Office), Study and Career Service and International Office of the university are in close contact with applicants and students. The [Student Office](#) is responsible for the application and admission procedures.

### Research

The OTH Amberg-Weiden is firmly rooted in the region of the Upper Palatinate, working in close collaboration with renowned regional, national and international businesses, which in turn benefit from the OTH's expertise and innovative strength. The university has very close relationships with more than 30 member companies of the [PartnerCircle](#), a close network of the most renowned companies in the region.

### Key benefits

- Small student groups
- No tuition fees
- State-of-the-art infrastructure
- 24/7/365 library
- Fast and easy contact with lecturers
- Close linking of theory and practice
- Top business contacts for optimal career opportunities during and after your studies (PartnerCircle)
- Contact with many partner universities worldwide
- Favourable rental prices and living costs in comparison to other German cities
- Varied sports and activities indoors and outdoors



## University location

Weiden and Amberg with their centuries-old history offer plenty of culture, sports and culinary events. Highlights like old city celebrations, Christmas markets, sporting events, traditional Bavarian festivities, art or music festivals amongst others will make you feel at home soon.

Just see for yourself!

[Weiden image film](#)

[Amberg image film](#)



# Contact

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Industrial Engineering and Healthcare

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92637 Weiden in der Oberpfalz

✉ [j.heigl@oth-aw.de](mailto:j.heigl@oth-aw.de)

🌐 Course website: <https://www.oth-aw.de/en/studies/study-offers/study-programmes/bachelor/digital-technology-management/study-program-digital-technology-and-management/>  
Coordinator of Study Program

Tel. +49

✉ [Email](#)

📘 <https://www.facebook.com/OTHAmbergWeiden/>

🌐 <https://www.linkedin.com/school/oth-amberg-weiden/>

📷 <https://www.instagram.com/othambergweiden/>

📺 <https://www.youtube.com/watch?v=5-Q161EuQL4>

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

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## GATE-Germany

Consortium for International Higher Education Marketing  
[www.gate-germany.de](http://www.gate-germany.de)

## Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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