



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Master's degree



## MEng Business Engineering

Technical University of Applied Sciences Würzburg-Schweinfurt (THWS) • Schweinfurt



## Overview

Degree	Master of Engineering in Business Engineering
Course location	Schweinfurt
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	All courses are held in English.
Programme duration	3 semesters
Beginning	Winter semester
Application deadline	1 April to 15 June for the following winter semester
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No

### Description/content

The Master's programme is a modularised three-semester full-time programme based on a Bachelor's degree or a German "Diplom" degree in (industrial) engineering, natural/economic/business sciences, or logistics. The language of instruction is English.

Six module exams are to be completed, three in the first and three in the second semester. During the second and third semesters (Master's thesis), students will work on research projects of their choice. The context for the research projects is determined by the guiding topic, which is newly defined for each cohort of students. Students will write their Master's theses during the final semester.

Innovation cycles become shorter, the political and economical environment becomes more insecure. VUCA (Volatility, Uncertainty, Complexity, Ambiguity) is an acronym that summarises these new conditions. Volatility leads to uncertainty; changes become the rule. The interrelationships are becoming more complex, the information situation becomes more confusing and also more contradictory. The objective of the programme is to teach students relevant skills to

work in a world characterised by VUCA successfully, despite the challenging circumstances. In addition to the specific technical competencies, the programme imparts the ability to comprehensively understand problems in a holistic way and to solve them in an organised manner in interdisciplinary teams. The programme is completed with the Master of Engineering (MEng).

The graduates are particularly qualified to assume specialist and management positions in industrial companies and have attained the qualification for the higher service of public institutions. In addition, the Master's degree opens the opportunity to enter doctoral studies.

Business engineers develop and implement solutions to complex issues, utilising their technical and business-management competences. Employers appreciate the abilities of our graduates to comprehend challenges to their full extent, to assemble and lead interdisciplinary and multicultural teams, and to work together to find and implement elegant and robust solutions. Among potential employers are manufacturing companies, major retail companies, and consultancies.

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## Course Details

<b>Course organisation</b>	<p><b>Semester 1:</b> Industry leaders and researchers connect students to the guiding theme</p> <ul style="list-style-type: none"> <li>• understanding problems in Business &amp; Engineering</li> <li>• sustainability constraints</li> <li>• applied scientific working</li> </ul> <p><b>Semester 2:</b> Discuss with industry leaders and researchers to frame your individual research project</p> <ul style="list-style-type: none"> <li>• solving problems in Business &amp; Engineering</li> <li>• solution feasibility</li> <li>• applied batch project</li> </ul> <p><b>Semester 3:</b> Publish your work, discuss with industry leaders and researchers, and get feedback</p> <ul style="list-style-type: none"> <li>• Master's colloquium</li> <li>• Master's thesis</li> </ul>
<b>A Diploma supplement will be issued</b>	Yes
<b>International elements</b>	<ul style="list-style-type: none"> <li>• International guest lecturers</li> <li>• Language training provided</li> <li>• Projects with partners in Germany and abroad</li> </ul>
<b>Course-specific, integrated German language courses</b>	No
<b>Course-specific, integrated English language courses</b>	Yes

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## Costs / Funding

<b>Tuition fees per semester in EUR</b>	None
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<b>Semester contribution</b>	112 EUR including a semester ticket for free public transport in the city of Schweinfurt
<b>Costs of living</b>	700 to 850 EUR
<b>Funding opportunities within the university</b>	No

## Requirements / Registration

### Academic admission requirements

- A Bachelor's degree or German Diplom degree in one of the following fields: industrial engineering, engineering, business, or logistics
- degree grade of 2.5 or better
- 210 ECTS credits, 180 ECTS credits possible under specific conditions; for details, please refer to the [study and examination regulations](#)
- Engineering: in particular, fundamental skills/knowledge in the fields of electrical engineering, engineering mechanics, material science, and construction (minimum of 20 ECTS credit points)
- Business: above all, fundamental knowledge in the fields of general business administration, private business law, as well as internal and external accounting (minimum of 20 ECTS credit points)
- If the requirements mentioned above are met, admission is also possible with another German or foreign higher education degree considered equal

<https://international.thws.de/en/thws-international/ways-to-thws/incoming-full-time-students/admission-requirements/>

### Language requirements

We strongly recommend English language skills at level C1 (CEFR)!

Applicants must prove their English language proficiency at level B2 (CEFR). Applicants with an English-language university entrance qualification are considered to have the necessary language skills. Applicants with a German-language university entrance qualification must provide evidence of English language skills at level B2 (CEFR) on the basis of the university entrance qualification or a certificate within the scope of the application.

To ensure linguistic flexibility when communicating with other students and living in Germany, German language skills at level A2 are recommended. This must be proven by a corresponding certificate within 12 months after the start of the degree programme.

[Language entrance requirements: Technical University of Applied Sciences Würzburg-Schweinfurt \(thws.de\)](#)

### Application deadline

1 April to 15 June for the following winter semester

### Submit application to

Applications have to be submitted online via our application portal.

Additionally, we require a pre-evaluation of your university entrance qualification from uni-assist (VPD), APS or ZAST/ZAB. Please check our homepage for further information:

<https://international.thws.de/en/thws-international/ways-to-thws/incoming-full-time-students/application/>

## Services

### **Possibility of finding part-time employment**

In order to finance your living expenses during your studies, you can look for a student job. However, please note that your focus should always be on your studies.

**Students from non-EU countries** may work 120 full days or 240 half days per year. If you work as a student assistant at a university or a company, the amount of days may be higher.

**Students from EU countries:** There are no restrictions.

### **Accommodation**

Several halls of residence are located in Würzburg within short distance to the campuses, which offer facilities such as furnished rooms, Internet connection, and common areas.

<https://international.thws.de/en/thws-international/ways-to-thws/formalities-and-finances/accommodation/>

### **Career advisory service**

The International Career Service at THWS offers events and information for students in English. Our events help students with the following:

- studying successfully
- transitioning into professional life

In addition, we offer plenty of information about the following topics:

- application
- job interview
- links to online job portals

<https://international.thws.de/en/thws-international/ways-to-thws/international-career-service/>

### **Support for international students and doctoral candidates**

- Welcome event
- Tutors
- Accompanying programme
- Specialist counselling
- Cultural and linguistic preparation



## Master's Degree Programme in "Business and Engineering"

Master of Business and Engineering – programme objective, contents and campus overview

» more:

[https://fwi.thws.de/fileadmin/user\\_upload/MBEE/MBEE\\_Trailer\\_full.mp4](https://fwi.thws.de/fileadmin/user_upload/MBEE/MBEE_Trailer_full.mp4)

# — Technical University of Applied Sciences — Würzburg-Schweinfurt (THWS)



### About THWS

The Technical University of Applied Sciences Würzburg-Schweinfurt (THWS) was established in 1971, with campuses in two locations in Würzburg and Schweinfurt. Today, the THWS is one of the largest universities of applied sciences in Bavaria (southern Germany). As a public university, we guarantee an excellent academic education recognised throughout the world.

### Course offerings

With its 10 departments and more than 40 undergraduate and postgraduate degrees, as well as six research institutes, the THWS offers a broad, practice- and future-oriented course programme. Within the THWS i-Campus concept, English-language programmes add to the wide range of German-language programmes. Courses take place in modern lecture rooms and laboratories equipped with innovative

technology and state-of-the-art appliances.

### Low student-teacher ratio

Studying at THWS is characterised by small study groups and a low student-teacher ratio. Through a great share of seminar papers, students learn to work independently. Additionally, project work promotes the students' team-working abilities.

### Education with a special focus on application and practice

More than 200 professors with solid professional experience from industry and business provide scientific education with special relevance to application and practice. The university collaborates closely with regional and transregional businesses. Students benefit from this close collaboration by being able to do internships and having the possibility to write their theses in one of these companies. Moreover, they have the chance to build a network for their future careers.

### International focus

THWS excels due to its international orientation. For more than 30 years, the university has welcomed students from over 80 countries. Worldwide, THWS is associated with more than 230 universities.



## University location

### Located in Bavaria

The university's location in Würzburg is situated in one of the most beautiful regions of Germany. Franconia, in the northern part of the federal state Bavaria, offers high recreational value as a region of cultural and culinary delight. Due to the favourable geographic location, Würzburg is a perfect starting point to discover Germany and Europe. The international airports of Frankfurt am Main and Munich are within easy reach.

### City of Würzburg

Würzburg is an extremely vibrant student city. With approximately 133,000 inhabitants, it is one of the largest cities in the federal state of Bavaria. Lying amidst the vineyards, the climate in Würzburg is pleasant and mild all year round. Wine is part of the cultural heritage here – as proven by the many wine festivals in and around the city. Countless landmarks and places of interest characterise the cityscape: imposing Marienberg Fortress, the city's landmark, sits high upon a hill overlooking the city and bears testament to Würzburg's more than 1,000-year history. The sumptuous Würzburg Residence is one of the most significant palaces in Europe and a UNESCO World Heritage Site.

## Contact

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🌐 Course website: <https://fwi.thws.de/en/studies/master-of-business-and-engineering-mbee/>

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

🌐 <https://www.linkedin.com/groups/8554638/>

📷 <https://www.instagram.com/international.thws>

Last update 28.10.2024 16:19:11

# International Programmes in Germany - Database

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## GATE-Germany

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

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The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.



Federal Ministry  
of Education  
and Research