

FAQs MSc Operations Management (08-2025)

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Please note: For this study programme you will need a good command of German and English

What is the title of the degree?

You can study the 'Master of Science in Operations Management (Wirtschaftsingenieur)'.

How long does it take?

3 semesters. In the first two semesters, you will be working on a project, supplemented by electives. During the third semester, you will write your thesis in cooperation with a company. You will be awarded 90 ECTS.

How many places are available?

We accept 28 students for summer semester and 32 for winter semester.

When are the application deadlines?

The deadlines are:

- For summer semester: 15th January
- For winter semester: 15th July

Please note that these are strict deadlines and that applications received later, will not be processed.

What are the required entry qualifications?

One entry requirement is a successfully completed bachelor's a workload equivalent to 210 ECTS credits.

I have a bachelor's degree worth 180 ECTS.

It is possible for you to be accepted in this study programme. Before you can start with the regular first semester, you have to provide additional 30 ECTS. The programme director will define the possible choice of courses that you have to take to gain the necessary credits. The courses defined will be fixed in a learning agreement. Depending on your previous degree you will have to take either technical or business related courses.

Please contact us regarding your choice of modules.

What are the entry requirements for graduates from outside Germany?

You can find out whether your degree from outside Germany is a sufficient qualification for admission to a German master's programme at the following Organization: **Studienkolleg**

Konstanz: <https://www.htwg-konstanz.de/de/studium/studienkolleg-der-htwg-konstanz/zeugnisanerkennung/anerkennung/>

The cost-free service there will tell you whether you are qualified to enter a university in Baden-Württemberg, or what further examinations you may need to take to qualify. You will also find a form with which to make an application for recognition of your degree.

Is there a minimum entrance grade requirement?

No, there is no minimum grade required.





Which undergraduate degrees will be considered?

Degrees in the following subjects will be considered:

- Engineering
- Industrial Engineering / Engineering Management
- Information Technology / Computer Science / Informatics
- Natural sciences with a technical background (e.g. chemical engineering)
- Business Studies
- Economics

I have a first degree in Business Studies / Economics / Information Technology / Mechanical Engineering / Mechatronics. Will I be able to cope with your master's programme?

Yes, but you will have to fill in the knowledge gaps by studying privately. We do not offer any basic foundation courses. Please refer to content of the courses offered in the module handbooks for the bachelors' and masters' programmes. If in doubt, please ask us.

Where can I find information on the contents of the programmes and the curriculum?

On our homepage <https://www.nxt.reutlingen-university.de/studium/master/operations-management-mom> (under "MSc Operations Management" -> Downloads") you can find the module handbook and the curriculum.

Is work experience required?

You can apply to study with us straight after completing a bachelor's degree course.

What are the language requirements?

English:

You will need proof of a good command of English

German:

Students from outside Germany must have passed a recognized examination in German.

For example:

- DSH „Deutsch Sprachprüfung für den Hochschulzugang“ - Stufe 2
- TestDAF „Test Deutsch als Fremdsprache“ mind. 14 Punkte
- oder ein äquivalenter Sprachnachweis, z.B.
 - „Prüfungsteil Deutsch“ der Feststellungsprüfung an Studienkollegs
 - Deutsches Sprachdiplom der Kultusministerkonferenz - zweite Stufe (Beschluss der Kultusministerkonferenz vom 06.12.1996 in der jeweils geltenden Fassung)/DSD II
 - tele Deutsch C1 Hochschule
 - Goethe-Zertifikat C2: Großes Deutsches Sprachdiplom (GDS). Das GDS löst zum 1.1.2012 die Oberstufenprüfungen des Goethe-Instituts Zentrale
 - Oberstufenprüfung (ZOP), Kleines Deutsches Sprachdiplom (KDS) und Großes Deutsches Sprachdiplom (GDS) ab.
 - Reifezeugnis einer deutschen Auslandsschule mit vorwiegend deutschsprachigem Unterricht. Besuch einer Schule bis einschließlich der 9. Klasse, an der alle Fächer
 - in deutscher Sprache unterrichtet wurden.
 - „Deutsche Sprachprüfung II“ des Sprachen- und Dolmetscher-Instituts München





Which language will the programme be taught in?

The programme is taught in German and English, depending on the individual lecture.

Can I study abroad?

A study abroad phase is not part of the curriculum. It is possible and even recommended to write the master's thesis in cooperation with a company abroad.

What is the course content and focus of the master's programme?

You are expected to work as managers in the interdisciplinary fields of logistics and supply chain management, factory planning and production. The study programme prepares you, as future industrial engineers, to be able to take on sophisticated tasks concerning planning, development and leadership. Programme content is centred around the latest challenges in production and logistics, at strategic, tactical and operational levels. The master's degree combines aspects and problems from technology, business, mathematics, information technology and management in an interdisciplinary approach covering typical industrial engineering areas such as:

- Designing new products and production sites
- Development and optimisation of production facilities
- Development and planning of maintenance and quality management systems and processes
- Creation of new logistics services
- Design of new logistics chains (e.g. for global or local supply, offshoring, outsourcing, reverse logistics, risk management, etc...)
- Development of international strategies in logistics networks
- Optimisation of energy usage and efficiency in production and service

What is special about this study programme?

The master's degree focuses on project work, where various lectures are arranged around the project and complemented by specific topics. By choosing from a vast array of electives, it is possible for each student to contribute his or her own expertise to the project.

In semester one and two, you will work on a project that is linked to your respective bachelor's knowledge. This will provide you with the necessary interdisciplinary competency. You will learn how to work in a team and handle complex topics in a systematic and practical manner. Due to the broad offering of electives, students not only acquire basic but also specific knowledge that is fine-tuned to the needs of companies.

All students from a respective knowledge background constitute the project team. They work together to find answers and solve tasks that a company poses. The company is selected by the university in advance. While working on the project, you create and shuffle teams to solve different aspects of the whole task. Since the study programme accepts students from different backgrounds (industrial engineering, management, mechanical engineering, etc...) you profit tremendously from the experience and diversity of your fellow students. On top of that, you will always get support from our professors.

What company sectors will I most likely be employed in afterwards?

The area of operations for our alumni is very diverse, e.g.:

- Factory and production planning
- Production planning and controlling / disposition
- Logistics systems planning
- Introduction and adaptation of integrated information systems
- Global logistics management
- Project oriented work in operations structuring of production and logistics
- Consulting





- Project management
- Business and production process optimisation
- International management

How can I apply?

You can submit your application online on the Reutlingen University homepage:

<https://www.reutlingen-university.de/en/studies/application>

What do I have to send with my application?

A full application package consists of:

- ☐ Curriculum Vitae in German Language
- ☐ Degree from a successfully completed undergraduate course
 - If your final grade for your first degree is not yet available, please indicate the grade anticipated
- ☐ Degrees and other qualifications earned outside Germany must be approved by the Institute for International Students in Constance
<http://www.htwg-konstanz.de/Application.2659.0.html>
- ☐ Certificate of successful completion of a German test (see above) if your qualification for entering into higher education was awarded outside Germany

Please note that we can only process applications with *all* the necessary documentation!

Please upload all required documents. You do not need to send us any documents by post.

Which steps are involved in the application process?

1. You apply online at Reutlingen University.
2. Upload all required information and documents.
3. It is not necessary to send in certified copies of your documents and certificates.
4. Your documents will be checked by the Admissions Office (especially also degrees received outside of Germany).
5. After this, your application will be processed by the programme coordinators and professors. We evaluate all information according to set selection criteria and award points accordingly. (cf. question: "How are applicants selected?")
6. All applicants will be ranked and we invite the best candidates for an interview.
7. After the application process has been completed, the Admissions Office at Reutlingen University will send out the notifications about enrolment and all other necessary information.

How are applicants selected?

Selection is based on the following criteria:

Technical:

- Subject studied at undergraduate level
- Overall grade in undergraduate studies
- Practical experience
- Competence in the subject

International experience and orientation:

- Experience abroad
- Command of languages





General:

- Motivation
- Personality

Applicants are assessed on the basis of the written application documents according to a standardised set of criteria. The best 120 candidates are then invited to a selection interview in Reutlingen, or online by MS Teams.

How does the interview process work?

Normally, 3 applicants participate in one interview. They are interviewed by a professor and a coordinator/other staff member from the programme or by a company representative or alumnus. The interview takes about 45-60 minutes. Apart from academic and technical knowledge, the language proficiency, motivation and aptitude of the applicant will be taken into account. In the concluding part of the interview you will have an opportunity to ask questions about the programme, the organization and the process.

How much time do I have, after being officially admitted to the programme, to hand in outstanding documents?

The proof of language proficiency has to be presented before the actual start of lectures. All other documents are due 4 weeks after lectures have commenced. If you have not handed in the necessary documents by this point, the admission will be withdrawn.

What degree will be awarded upon successful completion of the course of study?

“Master of Science in Operations Management”. Students complete the programme with 90 ECTS credits.

What does the programme cost?

Semester fee for regular students (student union fee and contribution to administrative costs). International students, i.e. nationals from non-EU or EEA countries, who study in Baden-Württemberg are required to pay a tuition fee per semester. This fee is to be paid in addition to the general semester fee (see above). In some cases, however, international students can apply for an exemption from the fee.

Are scholarships or grants available?

Reutlingen University of Applied Sciences does not grant scholarships for its students. You can, however, apply to any of 11 organizations which grant scholarships to specially gifted students. Information about these organizations can be found at: <http://www.stipendiumplus.de>

Financial support for a semester abroad can sometimes be provided by DAAD, ERASMUS, or the Fulbright Program. Reutlingen International Office can help you in this matter.

Contact:

If you have any further questions, please contact us at:

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