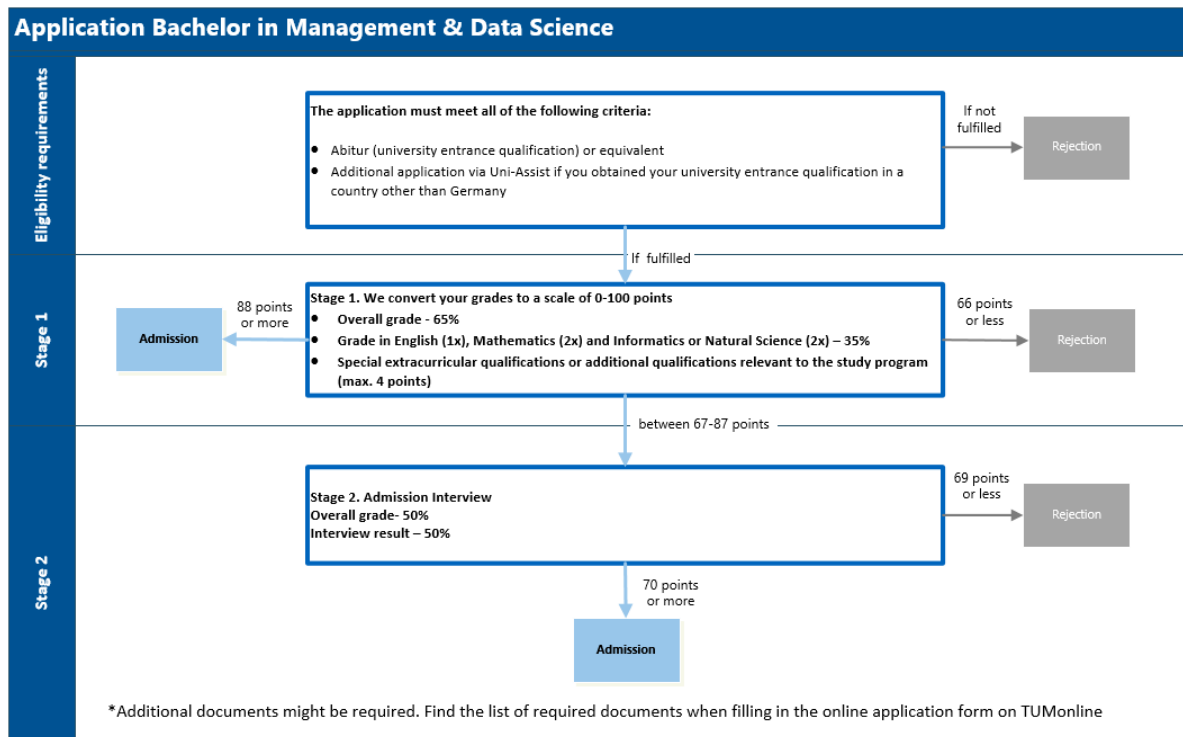


TUM School of Management – Assessment procedure
 Bachelor in Management and Data Science (Campus Heilbronn)
 Valid for applications for the winter semester 2024/25 or later



Entrance Requirements

To be eligible to apply for the Bachelor in Management and Data Science program, applicants must:

- Have an Abitur (university entrance qualification) or similar
- an additional application via [uni-assist](#) if you obtained your university entrance qualification in a country other than Germany

If your application fulfills all entrance requirements it will start with the first stage of the assessment procedure.

Stage 1. Final grade + individual grades + additional qualifications

For applicants with a German Abitur, we will take the final Abitur grade into account, as well as the four individual half-year grades in Mathematics, English, and Informatics or an Advanced Natural Science subject. For applicants with an international university entrance qualification, we will take the final grade and the grades received in the last two years of secondary school in the subjects Mathematics, English, and Informatics or an Advanced Natural Science subject into account.

You can find tables with formulas at the end of the document. Please keep in mind that these tables are only for your orientation, and we can only calculate stage 1 results after you applied, not before. We cannot help you check your calculations and explain it more in detail.

Information about additional qualification

Up to 4 points could be granted for evidence of special extracurricular qualifications or additional qualifications relevant to the study program. The following activities can be considered as extracurricular qualifications or additional qualifications:

- Vocational training or apprenticeship (Berufsausbildung oder Lehre)
- Internships
- Successful participation in the MINT program
- Participation with distinction at the state level in the competitions: "Jugend forscht", "Jugend gründet", "Mathematik-Olympiade" or comparable competitions relevant to the study program.

The points are allocated according to type of qualification and duration:

Type of qualification	Completion	Duration				
		Full- time (35 Hrs/wk or more)			Half-time	
		1-12 months	13-24 months	> 2 years	> 1 year	> 2 years
Training or apprenticeship (Berufsausbildung oder Lehre)	4					
Internship		0	1	2	0,5	1
MINT study at TUM		2				
Competition		2				

You can get up to 100¹ points at the first stage of the assessment procedure. The result of stage 1 either leads to:

- A direct admission: if the application reaches 88 points or more. This does not apply if the application lacks subject-specific individual grades; in this case, it will move to the second stage of the procedure.
- An interview in stage 2 of the assessment procedure: if the application reaches between 67 and 87 points.
- A rejection: if the application only reaches 66 points or less. This also applies if the application lacks individual subject-specific grades and does not reach the minimum score to move to the second stage.

Applications with less than 67 points can move to the second stage of the procedure if the applicant:

- submit proof that they have completed two years of vocational training relevant to their studies.
- was enrolled in the same or a related degree program and provided proof that they have completed at least 20 credits per semester.

¹ Results above 100 points are theoretically possible due to additional qualifications.

Stage 2. Points for overall grade + Interview

If you move to the second stage of the assessment procedure, you will be invited to an interview. The interview is an individual interview that lasts around 20 minutes. The purpose of the interview is to see whether you have what it takes to successfully complete the degree. Your interest in current economic topics is important here, as is your interest in mathematics, engineering and data science. You can get up to 100 points in the interview and you will be assessed by the following criteria:

- Application of mathematical-logical skills (max. 20 points)
- Scientific knowledge (max. 20 points)
- Understanding current economic policy issues (max. 20 points)
- Expression and use of technical terms (max. 20 points)
- Knowledge of the degree program (max. 20 points)

The final result at stage 2 is calculated as follows:

Interim result 1 (from the table above) * 0,5 + interview result * 0,5 = final result stage 2

You can get up to 100 points at the second stage of the assessment procedure. If you have 70 points or more, you will get admission. If you have 69 points or less you will be rejected.

Frequently asked Questions

Q: What are the requirements for an IB Diploma to study this course?

A: You can find this information [here](#). If you have questions about this, please contact studium@tum.de.

Q: I do not have direct access to this Bachelor's degree. What can I do about it?

A: You can do the so-called Studienkolleg. Please find more information [here](#).

Q: Do I need proof of proficiency in English?

A: No, a proof of proficiency in English is not necessary for your application to the Bachelor in Management and Data Science at TUM Campus Heilbronn.

Q: Do I have to apply via uni-assist?

A: If you have a university entrance qualification other than the German Abitur, you have to apply via uni-assist in addition to TUMonline. You can find information about uni-assist [here](#).

Q: How should I write the letter of motivation?

A: The letter of motivation should be maximum two A4 pages. You should elaborate your choice for the program, as well as your ability to understand and develop situations from an economic context. Furthermore, you should explain which skills, talents and interests would qualify you for the program, for example through extracurricular activities. Finally yet importantly, motivations are very individual, so please write about your own motivation.

Q: I have serious health, social or family reasons which influenced my school grades. What can I do?

A: Please write us an e-mail to admission_heilbronn@mgt.tum.de

Q: My grades are different to the German grading system. How can I know what it would be?

A: You can use the [Bavarian Formula](#) for orientation. Please do not convert anything yourself, if necessary this is done by TUM once you have officially applied

Q: I have problems with calculating my score with the tables below. Can you help me with this?

A: No, unfortunately we cannot pre-calculate this. Please apply and then your score will be calculated.

Q: Are the interviews in English or German?

A: The interviews are conducted in English.

Q: How can I prepare for the interview?

A: The best way you can prepare for the interview is to inform yourself about the program and stay up-to-date with current economic developments. We recommend you to read the information about the program on our website and to read newspapers and other reliable sources of information.

Q: Does the Student Council (representatives of students) have a website?

A: Yes, you can find it [here](#).

Q: Where can I find the statute on the assessment procedure?

A: You can find it in the [download area of our website](#). Please make sure to use the most current version available.

Q: I could not find the answer to my question here. What can I do?

A: Please just write us an e-mail to admission_heilbronn@mgt.tum.de

Step	International university entrance qualification with a numerical grading system
<i>Points for final overall grade</i>	$100 - 60 \times (N_{max} - \text{overall grade}) \div (N_{max} - N_{min})$
<i>Mathematics*</i>	$(\text{Grade 1} + \text{Grade 2} + \text{Grade 3} + \text{Grade 4} + \text{Grade 5}) \times 2$
<i>Informatics or Natural Science*</i>	$(\text{Grade 1} + \text{Grade 2} + \text{Grade 3} + \text{Grade 4} + \text{Grade 5}) \times 2$
<i>Language (English)*</i>	$(\text{Grade 1} + \text{Grade 2} + \text{Grade 3} + \text{Grade 4} + \text{Grade 5}) \times 1$
<i>Points subject-specific grades</i>	$100 - 60 \times \frac{[N_{max} - (\text{Mathematics} + \text{Informatics or Natural Science} + \text{English}) \div \text{Amount subject specific grades}]}{(N_{max} - N_{min})}$
<i>Stage 1 result</i>	$(\text{Points for final overall grade} \times 0,65) + (\text{Points subject specific grades} \times 0,35) + \text{points for additional qualification}$

Step	German Abitur (with German point system with 0 – 15 points)
<i>Points for final overall grade</i>	$120 - (20 \times \text{overall grade})$
<i>Mathematics*</i>	$(\text{Grade 1} + \text{Grade 2} + \text{Grade 3} + \text{Grade 4} + \text{Grade 5}) \times 2$
<i>Informatics or Natural Science*</i>	$(\text{Grade 1} + \text{Grade 2} + \text{Grade 3} + \text{Grade 4} + \text{Grade 5}) \times 2$
<i>Language (English)*</i>	$(\text{Grade 1} + \text{Grade 2} + \text{Grade 3} + \text{Grade 4} + \text{Grade 5}) \times 1$
<i>Points subject-specific grades</i>	$10 + 6 \times [(\text{Mathematics} + \text{Informatics or Natural Science} + \text{English}) \div \text{Amount subject specific grades}]$
<i>Stage 1 result</i>	$(\text{Points for final overall grade} \times 0,65) + (\text{Points subject specific grades} \times 0,35) + \text{points for additional qualification}$

*Not everyone has four half-year grades in last two school years and a subject-specific grade in final exam. If this applies to you, please use the grade you have. As you can see later, the amount is considered. Grade 1 is for Half-year 1, Grade 2 is for Half-year 2, etc. Grade 5 is for your final exam grade in this subject.

Nmax is the best possible grade in your grading system, Nmin the lowest possible passing grade in your grading system.

Mathematics, Informatics or Natural Science and English are the subject specific grades.

During calculation process, there are some rounding. For better understanding, we leave them out here. If you want to know more about it, please refer to the current Admission Statute.

Please keep in mind that these tables are only for your orientation, and we can only calculate stage 1 results after you applied, not before. We cannot help you check your calculations and explain it more in detail.