

Dear students,

We are pleased that you are interested in a dual study program with tesa. For the **M.Sc. Data Science** program at the **TUHH**, you need the following prerequisites. Please check if they can be met by you and fill in your received ECTS/CT:

	Field	Requirement	Required ECTS/CT		
ECTS	Mathematics	Lineare Algebra	8		
		Analysis	8		
		Discrete Mathematics	6		
		Stochastics	6		
		Statistics or Numerical Mathematics	6		
	Total			34	
	Computer Science and Data Science	Programming	12		
		Algorithms and Data Structures	6		
		Theoretical Computer Science (Automata theory, Computability and / or Complexity Theory)	6		
		Machine Learning	6		
		Signals and Systems or Graph Theory	6		
	Total			36	
	Language*	Sufficient proficiency in English			
	Degree	Bachelors degree			
Other	For an application with a bachelor's degree from a foreign university, the following link can be used to check whether the degree is suitable for the intended Master's program www.anabin.de				

Additional information regarding missing credits

If you are still missing some credits for the start of your studies, you have the following options to make up for them:

1. take additional modules at an external university before starting the dual study program at the TUHH
2. take a preparatory semester at the TUHH before starting the dual study program at the TUHH.

The options depend on the chosen study program. For further information, please contact the TUHH.

Please make sure that the requirements are met and return the completed form as soon as possible.

We look forward to receiving your feedback.

**Best regards,
The tesa HR Young Talents Team**

***Options for the English language certificate**

1. a valid TOEFL score (minimum score 577 [pBT] or 90 [iBT]) or
2. a valid IELTS-Academics score (minimum 6.5 points) or
3. a valid Cambridge Certificate of Proficiency in English; or
4. a valid Cambridge Certificate in Advanced English; or
5. a valid "telc English C1" result or
6. a valid UNlcert English level III result.