Dear student,

Thank you very much for your application and for your interest in our Master program in Quantitative Data Science: Psychometrics, Econometrics and Machine Learning (QDS). Our Master program QDS is a research-oriented program which leads to a Master of Science (M. Sc.) degree.

To study successfully in our program, applicants/prospective students are expected to have already a good theoretical knowledge in mathematics as well as programming and algorithmic skills.

To check your competency profile we need to identify and specify your degree of competency - which helps you likewise to check (with respect to the other requirements) if you fit to our program.

Please fill out the following table as honest and comprehensive as possible.

Supplementary sheet for the Master program in QDS.
Please fill in this form completely and <u>upload it</u>!

Family name	
First name	
Applicant number (see application form)	

In your Bachelor program, did you have to perform mathematical proofs yourself in exercises? If so, specify up to two brief example statements you had to prove.	
Did you have multivariate calculus in your Bachelor program? If yes, provide a list of keywords of subjects you have done in multivariate calculus.	
Provide a list of keywords of the concepts you know in linear algebra.	
Provide a list of keywords of the concepts you know in stochastics and/or numerics if available.	
What programming languages do you know? Rate your level of experience in each of them. If you had software project(s), provide the titles of the project(s).	
Provide a list of keywords of the concepts you had in your algorithms and data structures course(s) (if available).	