

Checklist Module Prerequisites – M.Sc. Data Science

Lastname, Firstname:						
Prerequisite (Name of KU Module)	Corresponding Module(s) in Bachelor Transcript (English translation)	ECTS	Grade	Max Grade	Min Passing Grade	Additional Comment(s) (if necessary for clarification)
Analysis I for Data Science						
Analysis II for Data Science						
Linear Algebra I						
Linear Algebra II						
Introductory Statistics						
Introductory Stochastics						
Optimization for Data Science						
Introductory Programming						
Algorithms and Data Structures						

Guidelines for Completing the Module Equivalency Information

1. *Eligibility and missing modules.* Applicants are expected to have completed most of the listed subject areas during their Bachelor's degree. If individual modules are missing, admission may still be granted with the condition that the missing modules are completed during first two semesters of the Master's program. These additional modules must be completed within the regular duration of the program. They do not extend the standard period of study for the Master's degree.

2. *Estimating ECTS credits.* If your Bachelor transcript does not indicate ECTS credits, you must provide a reasonable estimate as follows. Take the fraction of the designated one-semester full-time study workload that this module occupies. Multiply this number by 30 if your university's schedule has two semesters/year, multiply by 20 if your university's schedule has three terms/year. *Example:* A module has 3 credit points in your university's own credit point system and you are expected to complete 12 credit points per term. Your academic calendar has three terms/year. Then $ECTS = (3/12) * 20 = 5$.

3. *Purpose of the information provided.* The information in this document supports the preliminary evaluation of your academic background. Any ECTS estimates, credit conversions, or information obtained from online conversion tables are not legally binding and do not establish eligibility for admission. The admissions committee conducts the final and binding evaluation of all applications. The committee's assessment may differ from the module equivalencies suggested by the applicant.