Self Disclosure Form for the study program

M.Sc. Data Science

at the University of Münster

Track: Mathematical & Computational Data Science

Supplement to the Application

First name:

Last name:

Previous degree:

Selected track: Mathematical & Computational Data Science

Final grade

Date of Graduation

Final transcript is available Grade converted to German system (1.0–4.0)

⚠ **Notes:** ⚠

- ▷ Please complete all mandatory fields.
- ▷ If your grade is not given in the German system (1.0–4.0), please convert it using a standard conversion scheme, e.g. the Modified Bavarian Formula (see: Bavarian grade conversion formula, calculator of TUM).
- ▷ This form is intended as a structured supplement to the application. It is only required for the Mathematical & Computational Data Science Track and allows you to present your relevant background for this track in a structured way.
- ▷ Please convert your credits to the ECTS system. As a guideline: compute your average credits per semester, scale them to 30 ECTS per semester, and apply the corresponding factor to all entries (round appropriately).
- ▷ Please list modules as they appear in your transcript where possible.

The following tables are intended to provide a structured overview of relevant components of your Bachelor's degree. They form part of the assessment in the selection procedure according to the Admission Regulations (ZZO), §7, which considers both the final grade and subject-specific qualifications.

1. Core Mathematics Courses (Linear Algebra & Analysis)

Area	Course name (if different)	ECTS

⚠ **Notes:** ⚠

- ▷ Please list only courses in **Linear Algebra** and **Analysis**.
- ▷ A total of up to **20 ECTS** is typically sufficient for the assessment; additional coursework may be listed, but usually does not further improve the evaluation.
- ▷ If the official course title differs, please provide it in the second column.

2. Core Theoretical Courses in Your Bachelor Degree

Course name	Short description / topics	ECTS

⚠ **Notes:** ⚠

- The evaluation places particular emphasis on a strong foundation-oriented background in either mathematics or computer science.
- In particular, theoretical coursework (e.g. Discrete Structures, Theoretical Computer Science) as well as courses in Probability Theory, Statistics, or Mathematical Modelling are considered relevant for the assessment.
- Please list core theoretical courses from your Bachelor's degree that are relevant for Data Science.
- Typical examples include:
  - Computer Science: Algorithms and Data Structures, Theoretical Computer Science, Complexity Theory, Discrete Mathematics
  - Mathematics: Probability Theory, Statistics, Numerical Mathematics, Optimization
  - Data Science: Data Mining, Applied Statistics

3. Minor / Additional Subject Area

Minor / additional field:

Module / Course (minor)	Description / topics	ECTS

⚠ **Notes:** ⚠

- ▷ As this is an interdisciplinary Master's programme, prior studies in an additional subject area are considered positively in the evaluation.
- ▷ Please indicate your most substantial *minor / Nebenfach* or comparable additional field of study, provided it is relevant to the overall profile of the programme.
- ▷ If you have studied multiple additional subject areas, please list the one that is most prevalent and most relevant here.
- ▷ Particularly relevant are complementary fields such as Computer Science, Mathematics, Physics, Chemistry, Geosciences, or another natural science distinct from your main background.
- ▷ As a rule of thumb, this section is intended for an identifiable additional subject area documented by roughly 10–20 ECTS or more.

4. Interdisciplinary Project / Application

Interdisciplinary Project / Applied Interdisciplinarity

Project title:

Primary context:

Additional discipline involved:

ECTS:

Short project description / interdisciplinary component:

⚠ **Notes:** ⚠

- This section is intended to capture **applied interdisciplinary work** completed during your Bachelor's degree.
- Please provide one representative project (e.g. project seminar, practical course, or thesis-related work) that demonstrates the integration/application of methods or concepts from multiple disciplines.
- Indicate the primary context of the project (e.g. Computer Science, Mathematics, Data Science) and the additional discipline(s) involved.
- Interdisciplinary work is considered a positive factor in the evaluation, particularly where methods from one field are applied to problems in another.
- As a guideline, this section is intended for projects corresponding to up to **10 ECTS**.

Additional Remarks

Declaration

I hereby confirm that the information provided in this form is complete and correct to the best of my knowledge.

Place, Date: **Signature:**