

Below you can find the transcript of records of my BSc Mathematics. I officially started this degree at the LMU Munich in October 2023, but I had already taken some courses at the University of Constance the year before and had those recognised in Munich. The courses currently missing for the completion of the degree are in applied mathematics, which are of negligible relevance to my current field of study.

Below is the official transcript of records from LMU Munich, starting with the major in Mathematics, followed by the minor in Philosophy. The listed credits and grades reflect both components of the degree as specified in the university regulations, which are made available by the university only in German here: [link](#).

The German grading system ranges from a least mark of 6.0 to the best of 1.0, with the first sufficient mark at 4.0. To achieve maximal recognition in Germany, an average above 1.5 is required. However, the final mark is computed in a more complex way than a simple weighted average of all marks taken in the programme. In fact, there are marks that necessarily count, some that never count, and others from which the student can choose which to let count. Details about the specific procedure are made available by the university only in German at the mentioned [link](#). The current list of marks, with all details, can be found in the second table of the [Spreadsheet: Marks LMU](#).

| | |
|---------------------------|-----------------------------|
| Average: | 1.4963 |
| Total Amount of Credits: | 180 (3 years) |
| Time Spent on the Degree: | 2 years (10.2022 - 08.2024) |
| Completed Credits: | 153 |
| Completion: | 85% |

In case there is any issue certifying the document below or the data given above, feel free to contact me: simone.testino@gmail.com or directly Prof. Merkl, who is responsible for administration: merkl@math.lmu.de.

Of the two documents listed below, the first concerns the major in Mathematics, while the second pertains to the Minor in Philosophy. Please consider contacting me directly and not Prof. Merkl for any questions related to the minor in Philosophy.



Family name: **Testino** First name: **Simone**
Date of birth: **1 July 2003** Place of birth: **Genua**
Student ID: **12837665**

Munich, 3 December 2024

Program: Mathematics
Degree: Bachelor of Science (B.Sc.)

Transcript of Records in accordance with § 12 of the examination and study regulations of Ludwig-Maximilians-Universität München for the Bachelor's program in Mathematics (2021) dated 8 December 2021 as amended

| List of Credit Courses | Term | Grade | Status | Note | ECTS |
|---|----------------|-------------|-----------|------|----------|
| Compulsory modules | | | | | |
| Analysis of one variable (lecture) (P 1) | ST 2024 | 2.30 | BE | | 6 |
| Lecture Analysis of one variable (P 1.1) | | BE | | | (6) |
| Module exam: Analysis of one variable (lecture) | ST 2024 | 2.30* | BE | | |
| Analysis of one variable (problem sessions) (P 2) | ST 2024 | BE | BE | | 6 |
| Problem sessions Analysis of one variable (P 2.1) | | BE | | | (6) |
| Module exam: Analysis of one variable (problem sessions) | ST 2024 | BE* | BE | | |
| Linear Algebra I (lecture) (P 3) | ST 2024 | 1.30 | BE | | 6 |
| Lecture Linear Algebra 1 (P 3.1) | | BE | | | (6) |
| Module exam: Linear Algebra I (lecture) | ST 2024 | 1.30* | BE | | |
| Linear Algebra I (problem sessions) (P 4) | ST 2024 | BE | BE | | 6 |
| Problem sessions Linear Algebra 1 (P 4.1) | | BE | | | (6) |
| Module exam: Linear Algebra I (problem sessions) | ST 2024 | BE* | BE | | |
| Topology and multidimensional differential calculus (lecture) (P 5) | ST 2024 | 2.00 | BE | | 6 |
| Lecture Topology and multidimensional differential calculus (P 5.1) | | | | | (6) |
| Module exam: Topology and multidimensional differential calculus (lecture) | ST 2024 | 2.00* | BE | | |
| Topology and multidimensional differential calculus (problem sessions) (P 6) | ST 2024 | BE | BE | | 6 |
| Problem sessions Topology and multidimensional differential calculus (P 6.1) | | | | | (6) |
| Module exam: Topology and multidimensional differential calculus (problem sessions) | ST 2024 | BE* | BE | | |
| Linear Algebra II (lecture) (P 7) | ST 2024 | 1.30 | BE | | 6 |
| Lecture Linear Algebra 2 (P 7.1) | | | | | (6) |
| Module exam: Linear Algebra II (lecture) | ST 2024 | 1.30* | BE | | |
| Linear Algebra II (problem sessions) (P 8) | ST 2024 | BE | BE | | 6 |
| Problem sessions Linear Algebra 2 (P 8.1) | | | | | (6) |
| Module exam: Linear Algebra II (problem sessions) | ST 2024 | BE* | BE | | |
| Measure theory and multidimensional integral calculus (P 9) | ST 2024 | 4.00 | BE | | 9 |
| Lecture Measure theory and multidimensional integral calculus (P 9.1) | | BE | | | (6) |
| Problem sessions Measure theory and multidimensional integral calculus (P 9.2) | | | | | (3) |

| List of Credit Courses | Term | Grade | Status | Note | ECTS |
|--|----------------|--------------|-----------|------|-----------|
| Module exam: Measure theory and multidimensional integral calculus | ST 2024 | 4.00* | BE | | |
| Presenting mathematics (P 11) | ST 2024 | 1.00 | BE | | 3 |
| Seminar on selected topics of Mathematics (P 11.1) | | BE | | | (3) |
| Module exam: Presenting mathematics | ST 2024 | 1.00* | BE | | |
| Compulsory elective modules | | | | | |
| Compulsory Unit 1: seven Compulsory Elective Modules from WP 1 - WP 6 and WP 15 - WP 24 (at least two from WP 1 - WP 4 and WP 15 - WP 16, at least two from WP 5, WP 6 and WP 17 - WP 19, at least one from WP 20 - WP 24) | | | | | |
| Algebra (WP 5) | ST 2024 | 4.00 | BE | | 9 |
| Lecture Algebra (WP 5.1) | | BE | | | (6) |
| Problem sessions Algebra (WP 5.2) | | | | | (3) |
| Module exam: Algebra (<i>Rosenschon</i>) | ST 2024 | 4.00* | BE | | |
| Selected topics in pure mathematics (WP 6) | ST 2024 | 2.30 | BE | | 9 |
| Lecture Selected topics in pure mathematics (WP 6.1) | | BE | | | (6) |
| Problem sessions Selected topics in pure mathematics (WP 6.2) | | | | | (3) |
| Module exam: Selected topics in pure mathematics | ST 2024 | 2.30* | BE | FBE | |
| Commutative algebra (WP 24) | ST 2024 | 3.70 | BE | | 9 |
| Lecture Commutative algebra (WP 24.1) | | | | | (6) |
| Problem sessions Commutative algebra (WP 24.2) | | | | | (3) |
| Module exam: Commutative algebra (<i>Rosenschon</i>) | ST 2024 | 3.70 | BE | FBE | |
| Compulsory Unit 2: one Compulsory Elective Module from WP 7 - WP 8 | | | | | |
| Presentation of a mathematical topic (WP 8) | ST 2024 | 2.00* | BE | | 3 |
| Total ECTS credits | | | | | 90 |
| Average grade: 2.39 | | | | | |

Up to date of this transcript the requirements for the Bachelor's program in Mathematics have not been fulfilled.

This print-out serves only as information purposes of your previous level of achievement. It is not a certification of a completed examining procedure and does not replace it. Please check your print-out. If you find any mistakes please contact the Downtown Examination Office of Natural Sciences (PaNI) immediately.

Semester:
WT = winter term, ST = summer term

Grading scale:
Grades on each piece of work are indicated as: 1 = very good; 2 = good; 3 = satisfactory; 4 = sufficient; 5 = not sufficient. To guarantee a higher degree of differentiation, grades may be decreased or increased by 0.3. Grades of 0.7, 4.3, 4.7 and 5.3 are not possible.
The final grade is indicated as: up to and including 1.50 = very good; from 1.51 up to and including 2.50 = good; from 2.51 up to and including 3.50 = satisfactory and from 3.51 up to and including 4.00 = sufficient.

The average grade is calculated from the grades of all module examinations and module part examinations passed weighted on ECTS points. The final grade calculation may differ from the average grade calculation.

Status:
BE = passed, NB = failed, NBE = not yet passed, EN = finally failed, AN = registered

Notes:
ANL = cancelled achievement, FRG = exceeding the deadline of basic qualifying examination, FRN = exceeding the deadline, G = authorized withdrawal, KR = notification of sickness with certificate, NA = paper failed, NAA = paper not submitted, NE = failed to appear, TA = examination offence, FBE = free shot passed, FNB = free shot failed, FNV = free shot, grade not improved, FVB = free shot, grade improved, PFV = free shot, PVB = free shot for improving grades

Other abbreviations:

P = compulsory module, WP = compulsory optional module, TL = examination component, (*) = recognized achievement

For teaching degree programs: FD = achievements in teaching subject-specific didactics, FW = achievements related to main subject

Additional information and explanations:

ECTS points in brackets serve only for mathematical purposes.



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

PHILOSOPHY



Testino, Simone
born 01 July 2003 in Genua
Student ID: 12837665

Munich, 3 December 2024

Program: Philosophy

Transcript of Records in accordance with the examination regulations for the Bachelor's program in Philosophy (minor field of study for the Bachelor's program) at Ludwig-Maximilians-Universität München of 31 August 2018 as amended

| List of Credit Courses | Term | Grade | Status | Comment | ECTS |
|--|------|-------------|-----------|---------|----------|
| 20300 WP 3 Introduction to Practical Philosophy II (WP) | | 1.00 | BE | | 6 |
| 20399 WP 3.1-2 Modular Examination: Introduction to Practical Philosophy II | 2024 | 1.00 | BE | | 6* |
| 20600 WP 6 Introduction to Pre-modern Philosophy (WP) | | 1.30 | BE | | 6 |
| 20699 WP 6.1-2 Modular Examination: Introduction to Pre-modern Philosophy | 2024 | 1.30 | BE | | 6* |
| 21000 WP 10 Further Studies in History of Modern Philosophy I (WP) | | 1.70 | BE | | 6 |
| 21099 WP 10.1 Modular Examination: Further Studies in History of Modern Philosophy I | 2024 | 1.70 | BE | | 6* |
| 21200 WP 12 Further Studies in Metaphysics and Philosophy of Language (WP) | | 1.00 | BE | | 6 |
| 21299 WP 12.1 Modular Examination: Further Studies in Metaphysics and Philosophy of Language | 2024 | 1.00 | BE | | 6* |
| 21500 WP 15 Further Studies in Philosophy of Science and Epistemology (WP) | | 1.70 | BE | | 6 |
| 21599 WP 15.1 Modular Examination: Further Studies in Philosophy of Science and Epistemology | 2024 | 1.70 | BE | | 6* |

End of Transcript

(P)=compulsory module, (WP)=compulsory optional module, *=transferred credits, **= translation not available

Grades on each piece of work are indicated as: 1 = "very good"; 2 = "good"; 3 = "satisfactory"; 4 = "sufficient"; 5 = "not sufficient". To guarantee a higher degree of differentiation, grades may be decreased or increased by 0.3. Grades of 0.7, 4.3, 4.7 and 5.3 are not possible. The final grade is indicated as: up to and including 1.50 = "very good"; from 1.51 up to and including 2.50 = "good"; from 2.51 up to and including 3.50 = "satisfactory" and from 3.51 up to and including 4.00 = "sufficient".

Status:

AN=registered, BE=passed, NB=failed, EN=finally failed, TR=regular attendance, TN=not-regular attendance, TF=attendance
ECTS credits in brackets serve only for mathematical purposes.

Comments:

ANL=annulled, FRG=failure to meet deadline (GOP), FRN=failure to meet deadline, KN=grade not reported up to this date, KR=doctor's note, NA=paper failed, NAA=paper not delivered, NE=fail to appear, RR=regular cancellation, RT=online cancellation, TA=attempted deception

This print-out serves only as information for the student. It is not certification of a completed examination and is not a substitute for one. Please check your print-out. If you find any mistakes contact the examination office responsible for the course of studies immediately.

Dr. Caroline Trautmann, Director
Examination Office of Humanities
and Social Sciences