

Description of qualifications – Master programme in Computational Science

Detailed information about the qualitative admission requirements you have to fulfil is available in the [curriculum of the master programme in Computational Science](#) and the [Master Access Guide](#).

How to fill out the form

Please list all post-secondary achievements that correspond to the required examinations from the EC, which you have completed before submitting your application for admission. The following information is required:

- the title of the achievement (e.g. name of the lecture)
- the date when the achievement was completed
- the number of obtained ECTS or credits (use the value as stated in your original transcripts, do not convert the value to ECTS yourself!)
- the name of the educational institution where the achievement was made
- designation which subject area of the qualitative admission requirements (QZB) is completed with the achievement

All three parts (Computer Science, Mathematics, Natural Sciences) must be completed!

	Use this number to mark the achievement in your transcripts	Enter the date when you completed the achievement	State where you completed the achievement	
1	051024 VU Algorithmen und Datenstrukturen 1	21.06.2022	6 ECTS	Universität Wien
	Enter the name of the lecture/exam of the achievement	Indicate how many ECTS/credits you obtained (use the same value as stated in your original transcripts!)	Mark which subject area of the qualitative admission requirements is fulfilled by the achievement	<input type="checkbox"/> Basics of programming <input type="checkbox"/> Object-oriented programming <input type="checkbox"/> Database systems <input checked="" type="checkbox"/> Algorithms and data structures

Part 1: Knowledge in Computer Science (at least 10 ECTS)



Please list all knowledge and competencies you have achieved in the field of Computer Science. To fulfil the qualitative admission requirements you must have a **total of at least 10 ECTS** in this field. Furthermore, **all subject areas must be covered**. Please indicate which subject area is covered by the achievement in the column “fulfils the qualitative admission requirement in”. Only list relevant achievements. You do not need to list more than 10 ECTS.

	Title of achievement	Date	ECTS/credits	Educational institution	Fulfils the qualitative admission requirement in:
1					<ul style="list-style-type: none"> Basics of programming Object-oriented programming Database systems Algorithms and data structures
2					<ul style="list-style-type: none"> Basics of programming Object-oriented programming Database systems Algorithms and data structures
3					<ul style="list-style-type: none"> Basics of programming Object-oriented programming Database systems Algorithms and data structures
4					<ul style="list-style-type: none"> Basics of programming Object-oriented programming Database systems Algorithms and data structures

Part 2: Knowledge in Mathematics (at least 10 ECTS)



Please list all knowledge and competencies you have achieved in the field of Mathematics. To fulfil the qualitative admission requirements you must have a **total of at least 10 ECTS** in this field. Furthermore, **all subject areas must be covered**. Please indicate which subject area is covered by the achievement in the column “fulfils the qualitative admission requirement in”. Only list relevant achievements. You do not need to list more than 10 ECTS.

	Title of achievement	Date	ECTS/credits	Educational institution	Fulfils the qualitative admission requirement in:
5					Basics of mathematics Linear algebra Analysis
6					Basics of mathematics Linear algebra Analysis
7					Basics of mathematics Linear algebra Analysis
8					Basics of mathematics Linear algebra Analysis
9					Basics of mathematics Linear algebra Analysis

Part 3: Knowledge in Natural Sciences (at least 10 ECTS)



Please list all knowledge and competencies you have achieved in the field of Natural Sciences. To fulfil the qualitative admission requirements you must have a **total of at least 10 ECTS** in this field. Not all subject areas have to be covered. Please indicate which subject area is covered by the achievement in the column “fulfils the qualitative admission requirement in”. Only list relevant achievements. You do not need to list more than 10 ECTS.

	Title of achievement	Date	ECTS/credits	Educational institution	Fulfils the qualitative admission requirement in:
10					Basics of astronomy Basics of biology Basics of chemistry Basics of meteorology Basics of pharmacy Basics of physics
11					Basics of astronomy Basics of biology Basics of chemistry Basics of meteorology Basics of pharmacy Basics of physics
12					Basics of astronomy Basics of biology Basics of chemistry Basics of meteorology Basics of pharmacy Basics of physics
13					Basics of astronomy Basics of biology Basics of chemistry Basics of meteorology Basics of pharmacy Basics of physics
14					Basics of astronomy Basics of biology Basics of chemistry Basics of meteorology Basics of pharmacy Basics of physics