

# Description of qualifications – Master programme in Computational Science

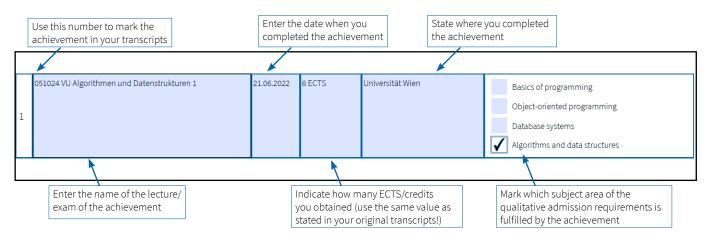
Detailed information about the qualitative admission requirements you have to fulfil is available in the **curriculum of the master programme in Computational Science** and the **Master Access Guide**.

#### 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!



## 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					Basics of programming Object-oriented programming Database systems Algorithms and data structures
2					Basics of programming Object-oriented programming Database systems Algorithms and data structures
3					Basics of programming Object-oriented programming Database systems Algorithms and data structures
4					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