

Evaluation scale for the selection PhD program in Physics (XXXVI cycle)

1. Qualifications assessment (maximum 44 points)

1.1 Bachelor's exams score and Bachelor's degree grade (maximum 16 points)

The average of the marks obtained in the exams, the number of honors, and the grade of the bachelor degree will be evaluated.

1.2 Master's exams score (maximum 8 points)

The average of the marks obtained in the exams and the number of honors will be evaluated.

For students with a single-cycle degree in Physics, the 24 points related to the items 1.1 and 1.2 will be attributed as follows

- the grade of the degree will be evaluated (*maximum 8 points*)
- the average of the marks obtained in the exams and the number of honors will be evaluated (*maximum 16 points*)

1.3 Recommendation letters and curriculum vitae (maximum 16 points)

The evaluation will take into account the recommendation letters (maximum two) and the curriculum vitae, also taking into consideration

- Scholarships, research grants (and other fellowships) received
- Research activity of the student during her/his training course
- Other awards (e.g., prizes received in competitions, second degree, training within "excellence program")

1.4 Motivation letter (maximum 4 points)

Each applicant submits a declaration of intent (pdf file, suggested length of 3,000 characters including spaces). This document must contain a description of the reasons why the applicant is interested in the Doctorate in Physics at Sapienza, what are the motivations and the research interests.

2. Oral interview (maximum 56 points)

Candidates who have obtained a mark of at least 30/44 in the qualifications assessment are admitted to the oral interview. The oral interview aims to evaluate the candidate's knowledge and skills, and her/his aptitude for research in the scientific fields of interest of the Doctorate in Physics. In particular, during the oral interview, the Commission will evaluate the following aspects: scientific qualification of the candidate, motivations to follow the PhD course in Physics and knowledge of the English language. During the oral interview, aspects regarding the

qualifications presented by the candidate will also be discussed. The oral interview scores will be distributed as follows:

- Discussion on fundamental subjects of the Bachelor in Physics (28 points);
- Discussion of the candidate's master thesis and research interests (28 points);

The overall minimum score for admission to the PhD is 70/100.