

# Evaluation criteria for admission to the XXXVIII cycle of PhD in Electrical, Materials and Nanotechnology Engineering

Candidates will be evaluated according to the following criteria and scores:

## 1. Titles (max 20 points)

### 1.1 Grade of the Bachelor's degree (max 10 points)

Grade	Score
110 cum laude	10
110 -109	8
108 -106	6
105 -103	4
102 -100	2
<100	0

### 1.2 Average mark of the exams taken during the Master of Science degree (max 10 points):

Arithmetic mean	Score
30 - 29	10
28.99 - 28	8
27.99 - 27	6
26.99 - 26	4
25.99 - 25	2
<25	0

## 2. Research project (max 25 points)

The applicant must provide a research project proposal (pdf format, minimum 4,000, maximum 8,000 characters, excluding references and figures), related to the research topics of the PhD programme (curriculum A, B, C or D) aimed at showing his/her attitudes toward research and toward planning and organization of the sequential steps of research activities. Please note that the proposed research project attached to the application is not necessarily the project that will be carried out during the PhD programme. If admitted, the research project that will be actually carried out will be subsequently defined and approved by the PhD Academic Board after the start of the PhD programme.

In particular, the evaluation will be related to:

- Relevance of the proposed project with respect to the objectives of the PhD programme (max 10 points)
- Knowledge of the state-of-the-art, originality and innovative aspects (max 10 points)

- Clarity and quality of the proposed objectives, methodologies and expected results (max 5 points)

### **3. Motivation letter (max 5 points)**

The motivation letter (pdf format, maximum 3,000 characters including spaces) represents a short statement explaining the reasons for the interest in the PhD in Electrical, Materials and Nanotechnology Engineering with particular reference to the selected curriculum (A, B, C or D).

### **4. Oral Exam (max 50 points)**

Only candidates who will collect at least 30/50 points throughout the assessment of titles, motivational letter and research project, will be admitted to the oral exam.

The oral exam has the aim to assess the background of competences and skills of the candidate and his/her research attitude with reference to the topics of the PhD programme. In particular, the following aspects will be addressed by the Selection Board: qualification of the candidate, motivations for pursuing the specific PhD programme, research project submitted by the applicant and knowledge of English language.

The interview can be conducted also remotely, to allow applicants living abroad to take part in the admission process: the request must be presented at the application stage and in any case no later than 15 days before the date of the interview.

The oral exam is successful if the candidate reaches at least 30/50 points.

Only those candidates who will collect a minimum score of 60/100 are eligible for the admission to the PhD programme.