Evaluation criteria for the admission to the PhD course "Information and Communication Technology - ICT" (Cycle XXXVIII)

The admission procedure to the Ph.D. Course in Information and Communication Technology (Cycle XXXVIII) is split in two phases. The first evaluation phase consists of the evaluation of the presented documents and does not require the presence of the Candidate. The second evaluation phase is an oral interview, and requires an interaction between the Candidate and the Evaluation Board.

The evaluation criteria for the two evaluation phases: Evaluation of documents and oral interview, are described below.

1. First evaluation phase: Evaluation of documents by the Evaluation Board (max 60 points)

Based on the submitted documents, the Evaluation Board will select Candidates to be admitted to the second evaluation phase consisting in the oral interview. The Candidates are not required to be present in this phase, since admission to second phase and score assignment is exclusively based on submitted documents.

The Evaluation Board assigns in this phase a maximum score of 60 points to each Candidate. The minimum score required for admission in the oral interview is 30 points. The criterion adopted for score assignment is reported in the following table:

n.	Items	Points	Maximum Points
1	Final grade for Bachelor degree (or equivalent 3 – years first-level degree)	P_1	18
2	Final grade for Master degree (or equivalent 2 – years second-level degree)	P_2	12
3	Candidate's global education and research experience	P_3	15
4	Research Project proposal presented by the Candidate	P_4	15
	Total	$P = P_1 + P_2 + P_3 + P_4$	**60**

1.1 Final grade for Bachelor degree (or equivalent 3 –years first-level degree) - (max 18 points).

Final grade for Bachelor degree (or equivalent 3–years first-level degree)	Points P_1
110 e lode	18
110	15
109	14
108	13
107	12
106	11
105	10
104	9
103	8
102	7
101	6
100	5
99	4
98	3
97	2
96	1
≤95	0

For the candidates with a foreign-country degree, the Evaluation Board will provide a grade conversion based on equivalence criteria.

1.2 Final grade for Master degree (or equivalent 2–years second-level degree) – (max 12 punti)

Final grade for Master degree (or equivalent 2–years second-level degree)	Points P_2
110 e lode	12
110	10
108-109	8
105 -107	6
103 -104	4
100 -102	2
<100	0

The Candidates presenting their final thesis before the date of the first evaluation phase are required to immediately notify the Master degree grade achieved to the PhD Course Director or to the President of the Evaluation Board. For the students who will present the thesis after the date of first evaluation phase, but before March 31st 2023, the score P_2 is evaluated

based on the arithmetic mean of the Master degree exams notes and the grid in point 1.2 is replaced by the following:

Arithmetic mean	Points P_2
29 - 30	12
28 – 28.99	10
27 - 27.99	8
26 - 26.99	6
25 - 25.99	3
<25	0

In the case that the candidate achieved a single five-years degree (or equivalent), the final grades achieved in this degree will be used in place of both the grade of the Bachelor degree to obtain P_1 and of the grade of the Master degree to obtain P_2.

For the students of a single five-years degree, presenting their thesis after the date of first evaluation phase, but before March 20th 2023, the arithmetic mean of the exam notes will be used to obtain scores P_1 and P_2, according to the following grid:

Arithmetic mean	Points P_1	Points P_2
29 - 30	18	12
28 – 28.99	15	10
27 - 27.99	12	8
26 - 26.99	9	6
25 - 25.99	5	3
<25	0	0

For the candidates with a foreign-country degree, the Evaluation Board will provide a grade conversion based on equivalence criteria.

1.3 Candidate's global education and research experience - (max 15 points)

The Candidate's global education and research experience is evaluated based on the currriculum vitae, the recommendation letters, and the abstract of the final Master Degree Thesis, as provided by the Candidate, and on the data available on his/her academic transcript.

In particular, the following will be evaluated: recommendation letters, abstract of the final Master degree Thesis, research collaboration contracts, research experience in national and other potential titles, proportionally to the time passed from the date of first enrolment for the Bachelor degree program, 1° degree (o single, five-year's degree).

1.4 Research project proposal presented by the Candidate (max 15 points)

For the PhD Admission Exam, the Candidate must present a project, following the template available on the website. It will be used to evaluate the aptitude to research of the candidate and his/her ability to autonomously organize the different sections of the project. The candidate will not be bound to the research activity outlined in the project if admitted to the PhD program.

In particular, the following will be evaluated:

- Knowledge of the state of the art (max 2 points)
- Originality and innovative content (max 6 points)
- Clarity and completeness of the exposure of objectives, methodologies and potential results (max 4 points)
- Relevance of the project for the objectives of the PhD in ICT and its feasibility (max 3 points)

2. Second evaluation phase: Oral interview (max 60 points)

Candidates scoring at least 30/60 points in the first evaluation phase are admitted to the oral interview.

The oral interview aims at evaluating the Candidate scientific knowledge and research skills in scientific areas covered by the PhD Course. This phase requires a direct interaction of the candidate with the Evaluation Board.

The oral interview may be conducted, upon request by the Candidate, in Italian or English, and is carried out in presence. The Evaluation Board may decide to conduct the interview in remote form (audio-video conferencing, Skype, etc.) for all the Candidates or only for the Candidate presenting motivated request not later than 7 days before the planned interview date. During the interview, the Evaluation Board will evaluate the following aspects:

- Presented project proposal: clarity and ability to synthesize, as well as ability to carry out research (max 40 points);
- Candidate's ability to address complex problems and qualification in foundational topics in the area of ICT, as well as motivation to attend the PhD Program, and the Candidate (max 20 points).

In the second evaluation phase, the Evaluation Board will assign a maximum score of 60 points to each Candidate. The minimum score required for passing the second evaluation phase is 40 points.

The total score achieved by Candidate is the sum of the scores achieved in the two phases; the final resulting score is thus included between a minimum of 70 and a maximum of 120.