



## ***Calculation of the final (graduation) grade***

The following information provides an overview of the calculation of the final grade for the Master degree program in **Mathematical Engineering**.

### ***General remarks***

The Italian final (graduation) grade is expressed in one-hundred-and-tenths.

The highest grade students can obtain is 110/110, while the minimum grade is 66/110.

The highest grade (110) can be attributed *with honours* (“*cum laude*”).

A student needs to obtain a minimum grade of 66/110, to be admitted to the graduation exam.

### ***Criteria for the calculating your final graduation grade***

#### ***A. Weighted average of exams' grades***

The weighted average (WA) of the grades is calculated and then reported into one-hundred-and-tenths using the following formula:

$$\text{WA} = ( \sum_i g_i c_i / \sum_i c_i ) 110/30$$

$g_i$  = grades of the exams in the study-plan

$c_i$  = number of credits.

The weighted average is the bases for the final grade calculation.

#### ***B. Percentage increase of the evaluation of the final examination***

The assessment of the final examination is expressed using the following scale: “Sufficient”, “fair”, “good”, “excellent” and is based on the following elements:

- the level of originality displayed in the work done and the results obtained;
- the commitment shown by the undergraduate and the thoroughness with which the thesis was produced;
- the quality of the written thesis itself and its presentation (completeness, correctness, clarity of presentation);
- Significance of the theoretical methodologies employed and/or the experimental undertaking.

According to the overall assessment by the Commission, one of the following percentage increases



can be applied on the weighted average grade:

<b>Final examination evaluation</b>	<b>sufficient</b>	<b>fair</b>	<b>good</b>	<b>excellent</b>
<b>Percentage increase</b>	0%	2%	4%	6%

In the event that a student has done particularly outstanding work on his/her thesis, he/she is eligible for an **exceptionality procedure**.

In order to initiate this procedure, the thesis supervisor must send a written request to the Coordinator of the Degree Programme, justifying their request. The request must be sent at the same time as the candidate's application for graduation.

The Coordinator of the Degree Programme then appoints a counterpart to whom the candidate must submit his/her thesis in its final form at least 15 days before the graduation date. The counterpart prepares an assessment, possibly articulated in line with the evaluation elements above, and submit it to the Commission, and submits it to the Graduation Committee.

If the exceptional work on the Master's Thesis is recognized, the final examination is awarded the "exceptional" grade and the maximum percentage increase is 8% of the weighted average grade.

### ***C. Possible grade increase considered as a career bonus***

A possible grade increase linked to the career bonus takes into account the two items (c1 and c2) described below. The increases of the two items are added together.

#### ***C.1. Number of credits (CFU) in examinations with a grade of 30/30 with honours (30 e lode)***

On the basis of the total number of credits (CFU) for which the student has obtained a grade of 30 with honours (*30 e lode*), additional points (in one-hundred-and-tenths), as provided for in the table below, are awarded:

<b>Number of CFU with honours</b>	<b>Points awarded</b>
< 9	0 points
[9 - 15]	0.5 points
> 15	1 point



The increase of any points is to be added after applying the increase percentage.

***C.2. Any other element of merit or demerit in a student's career***

The Graduation Committee may award up to a maximum of **one point** (in one-hundred-and-tenths, and including rounding up) for a student's participation in the T.I.M.E. programme or to other initiatives whose recognition for the purposes of the degree grade have been approved in advance by the Course council.

In the event that the candidate received demerits or was subject to disciplinary measures, the mark may be reduced by up to a maximum of **two points** (in one-hundred-and-tenths, and including rounding down).

***110 with honours ("cum laude") graduation grade***

In order to obtain a Master's Degree with honours, a student must:

- receive the favourable assessment of at least 4/5 of the members of the Graduation Committee and
- obtain a final grade of at least 113/110 at the end of the evaluations.