

### **NOTICE**

Having assessed the applications of the candidates for the Masters in Mathematical Finance (2nd phase), according to the previously established criteria, the coordinating team of the Masters hereby publishes the ranked list of the names of the admitted candidates in compliance with the provisions of number 6) of Order No. 65N/P/2014 of the Dean of ISEG, of the 18<sup>th</sup> of December.

Having assessed all the candidates one-by-one, the attribution of the grades of the admitted candidates was the result of a panel vote by the members of the Masters Coordinating Committee.

### **Accepted applicants**

<b>NAME</b>	<b>GRADE</b>
BHAGWAN DASS	16,95
CAROLINA SOFIA FERREIRA BATISTA	16,32
ANDRÉ VALA FRANÇA	15,28
MARIA JERÓNIMO MARTINS	15,28
GUANGCHEN WANG	15,23
JAKOV PAVLOVIKJ LATAS	15,20
JOÃO PEDRO DE ALENCAR COSTA	13,70
MARIANA RAMOS FERNANDES	13,30
MD SAIMON ALAM	13,30
ANDREA LA ROSA	13,30
MADALENA CORTE-REAL CRUZ DE MELO MACHADO	12,35

**Applications moving to the 3rd phase**

<b>NOME</b>
ANDREIA CRISTINA ANDRADE MORGADO
CAROLINA PARELHO ROQUE
DANIELA RIBEIRO COSTA
DINIS DUARTE SALGUEIRINHO
EDUARDO MANUEL NOGUEIRA ANDRADE
JOÃO PEDRO DINIS PERIQUITO
MARIA JOÃO LOURENÇO DANIEL GOMES
MIGUEL TRIGUEIROS PINÇÃO NIETO GUIMARÃES
SOFIA ALEXANDRA MINEIRO GOULÃO MARTINS
WEI LI

**Not accepted**

MARIA FRANCISCA DE LIMA TEIXEIRA PINTO
BERNARDO JIMENEZ CORREIA

**Coordinators**

Maria do Rosário Lourenço Grossinho

João Miguel Espiguiinha Guerra

Jorge Barros Luís

ISEG, 12th of May of 2021





## APPENDIX

### Admission and Ranking of Student Applicants for the Masters in Mathematical Finance

#### 1. Pre-requisites (for the admission of applicants)

Students may apply if they have a 1<sup>st</sup> Study Cycle degree, either from a Portuguese or a foreign School which:

- Is in the area of Mathematics, Economics, Finance, Management, Physics, or Engineering. In accordance with Paragraph d) of Article 17 of Decree Law No. 115/2013 of the 7<sup>th</sup> of August, other applicants will also be assessed who are considered to be adequate by the selection panel, based on a curricular analysis.
- An average final grade of  $\geq 12$ .

Final Year 1<sup>st</sup> Study Cycle students may also apply, as long as they have no more than two course units (CU) in arrears from the years preceding the last academic year. These applications are conditional on the conclusion of the 1<sup>st</sup> Study Cycle.

#### 2. Ranking of the admitted applicants

The ranking of the applicants is carried out on the basis of the final classifications, which are calculated by the panel in accordance with the following five criteria:

**Criterion 1:** Average final grade of the 1<sup>st</sup> Study Cycle, or equivalent (75%, on a scale of 12 to 20)

For those applicants who are Final Year 1<sup>st</sup> Study Cycle students, the arithmetic average of completed CUs will be considered at the time of the application date. Students from other education systems may be asked to provide additional information regarding the grading scale in use at their School or country of origin for comparison with the grading scale used at ISEG, taking into account, for example, the distribution quantiles of the final grades of the degree in question.

**Criterion 2:** Grades for specific CUs

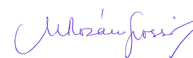
Specific CUs are understood to be the CUs in Analysis, Probabilities, and Statistics, or in other areas which are considered to be particularly relevant for the syllabus. This criterion is introduced twice:

2-a)	Average of all grades for specific CUs (15%, on a scale of 10 to 20).
2-b)	Number of specific CUs. The calculation of this parameter excludes CUs that cover the syllabi of Mat1, Mat2, Est1 and Est2 of the ISEG Bachelors degrees in Economics, Finance, or Management (0.4 points for each CU, counting with the first, up to a maximum of five).

**Criterion 3:** An adequacy coefficient which is attributed to the original School and degree – 1<sup>st</sup> Study Cycle, or foreign equivalent (which does not have its own weight, as it is a weighting of the grades, but is rather associated with a seven level scale: 0.8, 0.85, 0.9, 0.95, 1, 1.05, 1.1 – see the Appendix). Academic curricula which provide a solid background in Mathematics and Statistics are, in principle, judged to be more suitable.

**Criterion 4:** Other relevant education (5%, on a scale of 0 to 20).

**Criterion 5:** Relevant professional experience (5%, on a scale of 0 to 20).



By combining the five criteria, with their respective weights and scales, the final classification (FC) of each applicant is calculated by the following formula:

$$FC = \min\{\min\{0.75x_1 + 0.15x_2 + 0.4(\min\{\max\{0, n - 1\}, 5\}), 20\}x_3 + 0.05(x_4 + x_5), 20\},$$

where:

- $x_1$ : Average Final Grade of the 1<sup>st</sup> Study Cycle, or equivalent
- $x_2$ : Average of the grades for specific CUs
- $n$ : Number of specific CUs
- $x_3$ : Adequacy coefficient attributed to the original School and degree
- $x_4$ : Classification awarded for other academic education
- $x_5$ : Classification awarded for professional experience

The minimum overall classification for accepting an applicant is  $FC \geq 10.25$  (of an ISEG student - Bachelors E/F/G), with an average grade of 12, without further qualifications or any professional experience).

The minimum overall classification for the immediate acceptance of an applicant (in anticipation of the ranking) is  $FC \geq 11.95$  (of an ISEG student - Bachelors E/F/G), with an average grade of 14, without any further qualifications or any professional experience).

Proceeding:

1. Each member of the selection panel applies the algorithm to each applicant.
2. The selection panel then decides which Final Classification to award to each applicant.
3. As the classification exercise is being carried out, the panel prepares tables of past decisions for those variables which involve a judgment with a certain degree of subjectivity ( $x_2, x_3, x_4, x_5$ ).

## **Appendix**

Provisional Table (as an example) of the adequacy coefficient

Degree	Schools	Coefficient
MAEG	UL (ISEG)	1.10
Mathematics/Statistics/Physics	UL, UAv, UC, UMi, UNL & UP	1.00
Mathematics/Statistics/Physics	Other Public Schools	0.95
Economics/Finance/Management/Engineering	Public Schools & UCP	0.95
Economics/Finance/Management/Engineering	Other Private Schools	0.90
Maths/Statistics/ Economics/Fin/Management/Physics/Eng	Polytechnics	0.85