ISEG- Lisbon School of Economics and Management

Universidade de Lisboa

NOTICE

Having assessed the applications of the candidates for the Masters in Mathematical Finance (3rd 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 18th 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

PEDRO GUiMARÃES MARÇAL	15,65
MARTIM ROBERTO ALVES DA COSTA	14,30
AZIM MAMDANI	13,14
KEVIN VICTOR PAWLIK	11,80
CAROLINA PARELHO ROQUE	11,48
WEI LI	11,45
DINIS DUARTE SALGUEIRINHO	11,25
MARIA JOÃO LOURENÇO DANIEL GOMES	11,12
ANDREIA CRISTINA ANDRADE MORGADO	10,71
JOÃO PEDRO DINIS PERIQUITO	10,33
EDUARDO MANUEL NOGUEIRA ANDRADE	10,31
DANIELA RIBEIRO COSTA	10,28
SOFIA ALEXANDRA MINEIRO GOULÃO MARTINS	10,26
MIGUEL TRIGUEIROS PINÇÃO NIETO GUIMARÃES	10,25

Coordinators

Maria do Rosário Lourenço Grossinho

João Miguel Espiguinha Guerra

Jorge Barros Luís

ISEG, 22nd of June of 2021



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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 1st 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 7th 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 ≥ 12.

Final Year 1st 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 1st 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 1st Study Cycle, or equivalent (75%, on a scale of 12 to 20)

For those applicants who are Final Year 1st 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 – 1st 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 1st 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