ADDENDUM TO THE INTERNATIONAL FRAMEWORK

COOPERATION AGREEMENT

between

DEPARTMENT OF STATISTICS

ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS (hereafter AUEB)

and

DEPARTMENT OF ECONOMICS AND MANAGEMENT

UNIVERSITY OF PAVIA (hereafter UNIPV-DEM)

AGREEMENT DETAILS UPDATE 1.0 date: 24/1/2023

Laurea Magistrale in *Economics Finance and International Integration - Finance specialization* evolved into an M.Sc. (Laurea Magistrale) *in* Finance Therefore, now MEFI or MEFI-Finance in the main text of the agreement refers to the M.Sc. (Laurea Magistrale) *in* Finance (in the appendix it is referred as finance). Also, some changes in the courses of the M.Sc. in Statistics have been updated.

ANNEX A (AUEB students)
ECTS Requirements for obtaining MEFI

Table 1

at AUEB Courses	ECTS
Probability and statistical inference	7,5
Data analysis	7,5
Generalized linear models	7,5
Computational statistics	7,5
Stochastic modeling in finance (C)	3,5
Financial econometrics (C) & Time series analysis (C)	7,5
Probability Theory (C)	4,0
Select Cycle A or B and 15 units from the selected cycle	15
TOTAL	**60**
Cycle A: Applied Statistics	
• Biostatistics	4,0
• Epidemic Models	4,0
• Advanced survey sampling methods	3,5
• Statistical Quality Control	3,5
• Topics in Statistics (Statistical Genetics)	3,5
Cycle *B: Computational Statistics*	
• Statistical Learning	4,0
• Bayesian models in statistics	4,0
• Big Data Analytics	3,5
• Advanced Stochastic processes	3,5
• Topics in Computational Statistics	3,5

Table 2

at UNIPV Course	ECTS
Economic Models	9
Capital Markets and EU Companies Law	6
Firm Valuation and Capital Market Instruments	6
Topics In Portfolio Management	6
Asset Pricing and Macroeconomics	9
Sub-Total	36
M.Sc. Thesis submitted at PAVIA	24
Total	60

NOTE

- If Cycle A & B are selected (and not C) then they will need to take additionally Probability and stochastic processes (9 ECTS), Econometrics (6 ECTS) and Quantitative Finance (6 ECTS) – this extra 21 ECTS. **HIGHLY NOT RECOMMENDED**

ANNEX B (UNIPV students)
ECTS Requirements for obtaining MEFI

Table 3

at UNIPV Course	ECTS
Probability and stochastic processes	9
Economics Models/Real analysis	9
Econometrics	6
Firm valuation and capital market instruments	6
Capital markets and EU companies law	6
Quantitative Finance	6
Topics in portfolio management	6
Computational Methods	6
Numerical Optimization and Data Science	6
Total	60

Table 4

Courses at AUEB	ECTS
Generalized linear models	7,5
Data Analysis	7,5
Probability Theory (C)	4,0
Select Cycle A or B and 15 units from the selected cycle	15
Cycle A: Applied Statistics	
• Biostatistics	4,0
• Epidemic Models	4,0
• Advanced survey sampling methods	3,5
• Statistical Quality Control	3,5
• Topics in Statistics	3,5
Cycle B: Computational Statistics	
• Statistical Learning	4,0
• Bayesian models in statistics	4,0
• Big Data Analytics	3,5
• Advanced Stochastic processes	3,5
• Topics in Computational Statistics	3,5
Sub-Total	**34**
Transferred Credits	26
Total	60
M.Sc. Thesis submitted at AUEB	30
Total	90

ANNEX C (UNIPV students)
Course Correspondence and ECTS Transfers from UNIPV to AUEB

Table 5 *Course Substitutions and Grading*

UNIPV Course	ECTS	AUEB Course	ECTS
Probability and stochastic processes	9	Probability and Statistical Inference (7,5 ECTS)	7,5
• Computational Methods (6 ECTS) • Numerical Optimization and Data Science (6 ECTS)	12	Computational Statistics (7,5 ECTS)	7,5
• Econometrics (6 ECTS) • Quantitative Finance (6 ECTS)	12	• Financial Econometrics (Cycle C, 3,5 ECTS) • Time Series Analysis (Cycle C, 4 ECTS) • Stochastic Modeling in Finance (Cycle C, 3,5 ECTS)	11
	33	Total	26

ANNEX D (Marks Conversion table)

GREECE	ITALIA	Italian graduation mark
10 – 9	30 lode – 30	8-7
8	29 – 28 – 27	6-5
7	26 – 25 – 24	4
6	23 – 22 – 21	3-2
5	20 – 19 – 18	1
4 – 0	Insuff.	0