

**Συνημμένο 1**

**500.1.1**

**Master in “Financial Data Analytics and Sustainable Finance (24 Months, 120 ECTS, Master of Science)”**

**Joint programme of study with**

- (1) European University Cyprus (EUC) (Nicosia, Cyprus)**
- (2) University of Pardubice (Pardubice, Czech Republic)**
- (3) LUMSA University (Rome, Italy)**
- (4) Vilnius University (Vilnius, Lithuania).**

**TABLE 2: COURSE DISTRIBUTION PER SEMESTER**

A/A	Course Type	Course Name	Course Code	Periods per Week	Period Duration in Minutes	Number of Weeks/ Academic Semester	Total Hours/ Academic Semester	Number of ECTS
<b>1<sup>st</sup> Academic Year/1<sup>st</sup> Semester – University of Pardubice</b>								
1.	Compulsory	Economics and Financial Aspects of Innovation and Sustainability	FDA600	4	50	13	52	5
2.	Compulsory	Principles of Artificial Intelligence and Machine Learning	FDA605	4	50	13	52	5
3.	Compulsory	Applied Financial Econometrics	FDA610	5	50	13	65	5

4.	Compulsory	EU Law and European Values	FDA615	4	50	13	52	5
5.	Compulsory	Research Methods	FDA620	4	50	13	52	5
6.	Elective	Principles of programming for R	FDA625	3	50	13	39	5
7.	Elective	International Finance and Macroeconomics	FDA630	4	50	13	52	5
<b>1<sup>st</sup> Academic Year/2<sup>nd</sup> Semester – European University Cyprus</b>								
8.	Compulsory	Computational Finance	FDA635	3	50	14	42	10
9.	Compulsory	Big Data Analytics in Finance	FDA640	3	50	14	42	10
10.	Elective	Machine Learning in Finance	FDA645	3	50	14	42	10
11.	Elective	Programming for Python	FDA650	3	50	14	42	10
<b>2<sup>nd</sup> Academic Year/3<sup>rd</sup> Semester - a) LUMSA (Specialisation Corporate Finance)</b>								
12.	Compulsory	Innovation in Banking and FINTECH	FCF610	2	90	12	24	6
13.	Compulsory	Sustainable Finance and Investments	FCF620	2	90	12	24	6
14.	Compulsory	Advanced Corporate Finance	FCF630	2	90	12	24	8

15.	Compulsory	Ethics and Humanism in Digital Era	FCF640	2	90	12	24	6
16.	Elective	Financial Risk Management	FCF650	2	90	12	24	4
17.	Elective	Corporate Strategy and Sustainability	FCF655	2	90	12	24	4
<b>2<sup>nd</sup> Academic Year/3<sup>rd</sup> Semester - b) Vilnius University (Specialisation Financial Markets)</b>								
18.	Compulsory	Integrity and Ethics in Finance	FFM610	8	45	4	32	5
19.	Compulsory	Behavioural Finance for Sustainable Development	FFM620	8	45	4	32	5
20.	Compulsory	Technical Analysis of Financial Markets	FFM630	8	45	4	32	5
21.	Compulsory	Investing for Environmental and Social Impact	FFM640	8	45	4	32	5
22.	Compulsory	Financial Technologies and Alternative Investments	FFM650	8	45	4	32	5
23.	Elective	Equity Securities	FFM655	8	45	4	32	5
24.	Elective	Investment Portfolio Analysis	FFM660	8	45	4	32	5



**2<sup>nd</sup> Academic Year/4<sup>th</sup> Semester - Any University**

25.	Compulsory	Master DiplomaThesis	FDA690	N/A	N/A	N/A	N/A	30
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