

## CEU MS IN FINANCE COURSE LIST 2019-2020

	Course Leader	Home <sup>A</sup>	Credit	Core	Elective	Special prerequisites
<b>PRE-SESSION (Sep 2 - Sep 13)</b>						
Pre-session for Finance: Mathematics & Advanced Excel	Reguly, Agoston	FI	0.0	0.0		
Maximizing Your Future	Kaposvari, Anna	FI	0.0	0.0		
<b>1. FALL 2019 (Sep 16 - Dec 13; register Sep 16 - Sep 29)</b>						
Financial Reporting & Control	Ipacs, Laura	FI	2.0	2.0		
Financial Management <sup>1</sup>	Szilagyi, Peter	FI	2.0	2.0		
Economic Foundations	Labourbe, Paul	FI	2.0	2.0		
Investments 1: Trading & Portfolio Theory	Zawadowski, Adam	FI	2.0	2.0		
Advanced Reporting & Control	Ipacs, Laura	FI	2.0		2.0	
Banking & Financial Institutions	Zawadowski, Adam	FI	2.0		2.0	
Corporate Governance	Telegdy, Almos	EC	2.0		2.0	
Boardroom Global Challenge <sup>2</sup>	Voros, Tibor	TM	1.0		1.0	
Data Analysis 1 for Finance: Exploration in R & VBA	Voros, Tibor	FI	2.0		2.0	
Data Analysis 2 for Finance: Finding Patterns in R & VBA	Voros, Tibor	FI	2.0		2.0	Data Analysis 1
Coding for Finance 1: SQL for Finance	Micsko, Krisztian/Kumar, Lalith	FI	0.0		0.0	
Coding for Finance 2: Python Programming, Visualization & Text Analysis	Muco, Arieda	FI	2.0		2.0	
Data Visualization for Finance: Introduction to Tableau	Arato, Bence	FI	1.0		1.0	
Data Engineering 1: Different Shapes of Data <sup>3</sup>	Sallo, Laszlo	BA	2.0		2.0	
Data Science 1: Data Architecture <sup>3</sup>	Koren, Miklos	BA	2.0		2.0	Data Engineering 1
Python for Beginners (Math Dept)	Nemeskey, David	MA	4.0		4.0	
Comparative Bankruptcy Law	Tajti, Tibor	LS	1.0		1.0	
Workshop: Strategic Management in Your Career & Life	Kisilowski, Maciej/Akbar, Yusaf	UN	2.0		2.0	
<b>2. WINTER 2020 (Jan 7 - Apr 3; register Dec 2 - Jan 12)</b>						
Investments 2: Asset Pricing	Zawadowski, Adam	FI	2.0	2.0		
Finance Use Case Seminars <sup>4</sup>	Szilagyi, Peter	FI	0.5	0.5		
Derivatives	Turner, Tibor	FI	2.0		2.0	
Fixed Income Analysis	Szilagyi, Peter	FI	2.0		2.0	
Corporate Finance & Risk Management	Szilagyi, Peter	FI	2.0		2.0	
Corporate Restructuring	Chan, Joy	FI	2.0		2.0	
Company Valuation	Chan, Joy	FI	2.0		2.0	
Entrepreneurial Finance	Baranyai, Gabor	FI	2.0		2.0	
Private Equity & Venture Capital	Baranyai, Gabor	FI	2.0		2.0	Entrepreneurial Finance
Banking IT & Fintech: Bank to the Future	Szalay, Szabolcs	TM	2.0		2.0	
Fintech in Transaction Services	Huszar, Zsuzsa	FI	1.0		1.0	
Fintech in Depth	Lee, Tomy	FI	2.0		2.0	
Boardroom Global Challenge (continued) <sup>2</sup>	Voros, Tibor	TM	2.0		2.0	
Financial Econometrics	Lee, Tomy	FI	2.0		2.0	
Stochastic Finance	Rasonyi, Miklos	MA	2.0		2.0	
Coding for Finance 3: Python for Finance	Sebok, Marton/Farkas, Illes	FI	0.0		0.0	Python course in Fall
Data Analysis 3 for Finance: Machine Learning	Papp, Zoltan	FI	2.0		2.0	DA 1, 2
Data Analysis 3: Prediction & Introduction to Machine Learning <sup>3</sup>	Bekes, Gabor/Pal, Jeno	BA	2.0		2.0	DA 1, 2
Data Science 2: Machine Learning Concepts <sup>3</sup>	Papp, Zoltan	BA	1.0		1.0	DA 1, 2, 3
Data Science 3: Machine Learning Tools <sup>3</sup>	Papp, Zoltan/Pal, Jeno	BA	2.0		2.0	DA 1, 2, 3; DS 2
Data Visualization 2: Practical Dataviz with R <sup>3</sup>	Daroczi, Gergely	BA	1.0		1.0	DA 1, 2, 3
International Investment Law & Regulation	Petsche, Markus	LS	3.0		3.0	
Law for Small & Mid-Scale Startup Enterprises	Tajti, Tibor	LS	1.0		1.0	
The Legal Aspects of Corporate Finance	Tajti, Tibor	LS	1.0		1.0	
<b>3. SPRING 2021 (Apr 13 - Jun 12; register Mar 16 - Apr 5)</b>						
Regulatory & Policy Environment	Kisilowski, Maciej	FI	2.0	2.0		
Finance Use Case Seminars (continued) <sup>4</sup>	Szilagyi, Peter	FI	0.5	0.5		
Strategic Managerial Accounting	Ipacs, Laura	FI	2.0		2.0	
Behavioral Finance	Ipacs, Laura	FI	2.0		2.0	
Financial Trading Design & Technology	Meszaros, Ferenc	FI	2.0		2.0	
Capstone Project Writing	Szilagyi, Peter	FI	4.0	4.0		
Capstone Project	Szilagyi, Peter	FI	4.0	4.0		
Final Exam	Szilagyi, Peter	FI	0.0	0.0		

**Degree requirements: 28-34cr taught credits + 8cr Capstone Project.**

**Audit: Register for grade, ask Program Coordinator to change status from grade to audit.**

A FI: MS in Finance, BA: MS in Business Analytics, TM: MS in Technology Management & Innovation; EC: MA in Economics

MA: Department of Mathematics; LS: Department of Legal Studies; UN: University-wide

1 Separate weekday & weekend courses. Either may be taken by both full-time & part-time students.

2 Runs in Fall & Winter, 3cr in total. Must register in both terms.

3 Limited places subject to approval by Head of MS in Finance & Head of MS in Business Analytics.

4 Runs in Winter & Spring, 1cr in total. Must register in both terms. Six sessions per term, mandatory to attend min. 50%.

Course list remains subject to change