

## 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>						
Mathematics and Advanced Excel Pre-Session for Finance	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 and 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 and Portfolio Theory	Zawadowski, Adam	FI	2.0	2.0		
Advanced Reporting and Control	Ipacs, Laura	FI	2.0		2.0	
Banking and Financial Institutions	Zawadowski, Adam	FI	2.0		2.0	
Boardroom Global Challenge <sup>2</sup>	Voros, Tibor	TM	1.0		1.0	
Corporate Governance	Telegdy, Almos	EC	2.0		2.0	
Data Analysis 1: Exploration in R and VBA (Finance)	Voros, Tibor	FI	2.0		2.0	
Data Analysis 2: Finding Patterns in R and VBA (Finance)	Voros, Tibor	FI	2.0		2.0	Data Analysis 1
Coding 1: SQL for Finance (Finance)	Micsko, Krisztian/Kumar, Lalith	FI	0.0		0.0	
Data Visualization 1: Introduction to Tableau (Finance)	Muco, Arieda	FI	2.0		2.0	
Python for Beginners	Arato, Bence	FI	1.0		1.0	
Python for Beginners	Nemeskey, David	MA	4.0		4.0	
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
Comparative Bankruptcy Law	Tajti, Tibor	LS	1.0		1.0	
Workshop: Strategic Management in Your Career and 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		
Fixed Income Analysis	Szilagyi, Peter	FI	2.0		2.0	
Derivatives	Turner, Tibor	FI	2.0		2.0	
Corporate Finance and Risk Management	Szilagyi, Peter	FI	2.0		2.0	
Entrepreneurial Finance	Baranyai, Gabor	FI	2.0		2.0	
Private Equity and Venture Capital	Baranyai, Gabor	FI	2.0		2.0	Entrepreneurial Finance
Corporate Restructuring	Chan, Joy	FI	2.0		2.0	
Company Valuation	Chan, Joy	FI	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	
Banking IT and Fintech: Bank to the Future	Szalay, Szabolcs	TM	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 3: Python for Finance	Sebok, Marton/Farkas, Illes	FI	0.0		0.0	Either Python course in Fall
Data Analysis 3: Prediction and Introduction to Machine Learning <sup>3</sup>	Bekes, Gabor/Pal, Jenő	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, Jenő	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 and Regulation	Petsche, Markus	LS	3.0		3.0	
Law for Small and 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 and 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 and 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.**

<sup>A</sup> FI: MS in Finance, BA: MS in Business Analytics, TM: MS in Technology Management and Innovation; EC: MA in Economics

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

<sup>1</sup> Separate weekday and weekend courses. Either may be taken by both full-time and part-time students.

<sup>2</sup> Runs in Fall and Winter, 3cr in total. Must register in both terms.

<sup>3</sup> Limited places subject to approval by Head of MS in Finance and Head of MS in Business Analytics.

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

Course list remains subject to change