

## CEU MS IN FINANCE COURSE LIST, 2018-2019

	Course Leader	Home <sup>A</sup>	Credit	Core	Elective	Special prerequisites
<b>PRE-SESSION (Sep 3 - Sep 16; orientation Sep 7)</b>						
Online: HBSP Mathematics for Management Online Course	Szilagyi, Peter	FIN	0.0	0.0 <sup>B</sup>		
On campus: Mathematics and Informatics Pre-session	Kiss, Oliver	BA	0.0	0.0 <sup>B</sup>		
Maximizing Your Future	Kaposvari, Anna	FIN	0.0		0.0	
<b>1. FALL 2018 (Sep 17 - Dec 14; register Sep 10 - Sep 30)</b>						
Financial Reporting and Control*	Ipacs, Laura	FIN	2.0	2.0		
Financial Management*	Szilagyi, Peter	FIN	2.0	2.0		
Investments I: Trading and Portfolio Theory*	Zawadowski, Adam/Lee, Tomy	FIN	2.0	2.0		
Economic Foundations**	Labourbe, Paul	FIN	2.0	2.0 <sup>C</sup>		
Banking and Financial Institutions	Huszar, Zsuzsa	FIN	2.0		2.0	
Financial Technologies	Huszar, Zsuzsa	FIN	1.0		1.0	
Boardroom Global Challenge	Voros, Tibor	TMI	2.0		2.0	
Corporate Governance**	Telegdy, Almos	ECON	2.0		2.0	
Data Analysis 1: Exploration***	Voros, T (FIN)/Daroczi G (BA)	FIN	2.0		2.0	Pre-session material checked
Data Analysis 2: Finding Patterns with Regressions with R***	Voros, T (FIN)/Bekes, G (BA)	FIN	2.0		2.0	DA 1
SQL for Finance**	Micsko, Krisztian	FIN	0.0		0.0	
R Skills**	Daroczy, Gergely	BA	1.0		1.0	DA 1
Coding Practice with R	Orsos, Mihaly	BA	0.0		0.0	DA 1, 2
Data Science 1: Business Intelligence and Data Visualization**	Arato, Bence	BA	2.0		2.0	
Data Engineering 1: Different Shapes of Data**	Sallo, Laszlo	BA	2.0		2.0	
Python for Beginners**	Nemeskey, David	MATH	3.0		3.0	
Scientific Python**	Torok, Janos	MATH	2.0		2.0	
Intro to Text Analysis from Close Reading to Machine Learning**	Labov, Jessie/Littvay, Levente	UNI	2.0		2.0	
Applied Text Analysis from Close Reading to Machine Learning*	Labov, Jessie/Littvay, Levente	UNI	2.0		2.0	
Comparative Bankruptcy Law**	Tajti, Tibor	LEGS	1.0		1.0	
BOOST - Strategic Management in Your Career and Life**	Kisilowski, Maciej/Akbar, Yusaf	UNI	2.0		2.0	
<b>2. WINTER 2019 (Jan 7 - Apr 12; register Dec 3 - Jan 13)</b>						
Investments II: Asset Pricing*	Zawadowski, Adam	FIN	2.0	2.0		
Regulatory and Policy Environment	Kisilowski, Maciej	FIN	2.0	2.0		
Fixed Income Analysis	Szilagyi, Peter	FIN	2.0		2.0	
Derivatives	Turner, Tibor	FIN	2.0		2.0	
Corporate Finance and Risk Management	Szilagyi, Peter	FIN	2.0		2.0	
Entrepreneurial Finance	Baranyai, Gabor	FIN	2.0		2.0	
Private Equity and Venture Capital	Baranyai, Gabor	FIN	2.0		2.0	Entrepreneurial Finance
Corporate Restructuring	Chan, Joy	FIN	2.0		2.0	
Company Valuation	Chan, Joy	FIN	2.0		2.0	
Banking IT and Fintech: Bank to the Future	Szalay, Szabolcs	TMI	2.0		2.0	
Boardroom Global Challenge (cont'd)	Voros, Tibor	TMI	2.0		2.0	
Financial Econometrics**	Lee, Tomy	FIN	2.0		2.0	
Python for Finance	Sebok, Marton	FIN	0.0		0.0	
Data Analysis 3: Prediction and Introduction to Machine Learning	Bekes, Gabor/Pal, Jenő	BA	2.0		2.0	DA 1, 2
Data Science 2: Machine Learning Concepts**	Papp, Zoltan	BA	1.0		1.0	DA 1, 2, 3; DS 1
Data Science 3: Machine Learning Tools**	Papp, Zoltan/Pal, Jenő	BA	2.0		2.0	DA 1, 2, 3; DS 1, 2
Fundamentals of Stochastic Analysis**	Chau, Huy Gnoc	MATH	2.0		2.0	
Algorithms and Data Structures**	Nemeskey, David	MATH	3.0		3.0	
International Investment Law and Regulation**	Petsche, Markus	LEGS	3.0		3.0	
Legal Aspects of Corporate Finance**	Tajti, Tibor	LEGS	1.0		1.0	
<b>3. SPRING 2019 (Apr 1 - Jun 28; register Mar 19 - Apr 7)</b>						
Behavioral Finance	Ipacs, Laura	FIN	2.0		2.0	
Strategic Managerial Accounting	Ipacs, Laura	FIN	2.0		2.0	
Financial Trading Design and Technology	Meszaros, Ferenc	FIN	2.0		2.0	
Intermediate Stochastic Analysis**	Rasonyi, Miklos	MATH	2.0		2.0	Fund.s of Stochastic Analysis
Capital Markets and Securities Regulation**	Tajti, Tibor	LEGS	2.0		2.0	
Corporate Governance**	Whitehead, Charles	LEGS	1.0		1.0	
Capstone Project	Bogel, Gyorgy/Szilagyi, Peter	FIN	8.0	8.0		

**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> FIN: MS in Finance, BA: MS in Business Analytics, TMI: MS in Technology Management and Innovation; ECON: MA in Economics;

MATH: Department of Mathematics, LEGS: Department of Legal Studies, UNI: University-wide

<sup>B</sup> Mandatory to take one of two: (i) HBSP Mathematics for Management Online Course, (ii) Mathematics and Informatics Pre-session

<sup>C</sup> Mandatory for full-time students only

\* Separate full-time and part-time courses

\*\* Daytime classes only, availability may be limited

\*\*\* Runs on FIN with evening/weekend classes, BA with daytime classes

Course list remains subject to change