CENTRAL EUROPEAN UNIVERSITY

A TOP U.S. SCHOOL IN THE HEART OF CENTRAL EUROPE

Founded in 1991 | Accredited in U.S. • Austria • Hungary | Campuses in Budapest • Vienna • New York

QS Business Masters 2019: Business Analytics
#50, #1 CEE | Aston • HEC Montreal • Tilburg • UT Arlington

QS Business Masters 2019: Finance
#89, #3 CEE | Exeter • Frankfurt • Northeastern • Purdue

ARWU Shanghai Ranking 2019: Economics
#101-150, #2 CEE | Caltech • Edinburg • LBS • SMU • SUFE

QS 2019: Economics & Econometrics
#151-200, #2 CEE | EUI • Notre Dame • Sorbonne • Utrecht

QS 2019: Social Sciences & Management
#206, #4 CEE | Dartmouth • Purdue • Rochester • TUM

Top 150 ARWU Shanghai Ranking 2019 Economics
Top 200 QS World University Rankings 2019 Economics & Econometrics
50th in the World QS Business Masters Rankings 2019 Business Analytics
89th in the World QS Business Masters Rankings 2019 Finance
103 Countries
7:1 Student/Faculty Ratio
JOIN ONE OF THE WORLD’S MOST DENSELY INTERNATIONAL SCHOOLS

Students – 1,320 students • 103 countries
Faculty – 170 permanent • 33 countries | 187 visiting • 32 countries
Alumni – 16,795 alumni • 147 countries | alumni chapters • 75 countries

CAMPUSES IN BUDAPEST • VIENNA • NEW YORK

Budapest – World Heritage area • RIBA International Prize 2018 Top 4 shortlist
Vienna – Multicultural Favoriten district
New York – Historic Bard College in Annandale-on-Hudson
STUDY & WORK IN TWO OF EUROPE’S TOP 10 CITIES

The heart of Central Europe – European Union • Schengen Area
CN Traveler – 25 Best Cities in the World • 10 Best Cities in Europe
InterNations Expat City Ranking 2017 – Budapest #13 • Vienna #22

EMPLOYERS WORKING IN ENGLISH • COMPETING FOR INTERNATIONAL TALENT

Budapest – Bank of China • BCG • BlackRock • BT • Citi • EPAM • GE • IBM • McKinsey • Morgan Stanley • MSCI • Nokia • Roche • T-Systems • TCS • UN

Vienna – DB Schenker • Deloitte • EATON • Franklin Templeton • Google • JP Morgan • LVMH • Raiffeisen Bank • Swarovski • Unicredit • UN

CEU – STUDY IN BUDAPEST AND VIENNA
CEU ECONOMICS AND BUSINESS

INNOVATIVE RESEARCH & INDUSTRY-LED EDUCATION • THRIVE IN TODAY’S REALITIES, TOMORROW’S ROLES • FRESH GRADUATES TO SENIOR EXECUTIVES

<table>
<thead>
<tr>
<th>PROFESSIONAL PROGRAMS</th>
</tr>
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<tbody>
<tr>
<td>Specialized business masters</td>
</tr>
<tr>
<td>1 year • full-time or part-time</td>
</tr>
<tr>
<td>CEU Executive MBA</td>
</tr>
<tr>
<td>28 months • modular</td>
</tr>
<tr>
<td>MS in Business Analytics</td>
</tr>
<tr>
<td>MS in Finance</td>
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<tr>
<td>MS in Technology Management &amp; Innovation</td>
</tr>
<tr>
<td>CEU Executive MBA</td>
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<table>
<thead>
<tr>
<th>ACADEMIC PROGRAMS</th>
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<tbody>
<tr>
<td>Research and policy masters</td>
</tr>
<tr>
<td>2-years • full-time</td>
</tr>
<tr>
<td>PhD degrees</td>
</tr>
<tr>
<td>Full-time</td>
</tr>
<tr>
<td>MA in Economics</td>
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<tr>
<td>MA in Economic Policy in Global Markets</td>
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<tr>
<td>PhD in Economics</td>
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<tr>
<td>PhD in Business Administration</td>
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<thead>
<tr>
<th>STARTUP INCUBATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEU InnovationsLab</td>
</tr>
</tbody>
</table>
RESEARCH FACULTY

PhDs from – Harvard • MIT • Yale • Princeton • Penn State • UM Ann Arbor • UC San Diego • Toronto • INSEAD • Tilburg • SSE • ECARES • EUI • TU Wien

Worked at – UC Berkeley • Princeton • MIT • UT Austin • Boston • New York Fed • Cambridge • Oxford • Mannheim • ESSEC • EUI • WU • ECB

Publications – AER • ECTA • JBE • JF • JIBS • QJE • RFS | ERC grants – €3.8m

CLINICAL FACULTY

Working for – BCG • BI Consulting • CARD.com • Causality Group • Citi • Emarsys • EPAM • Gravity R&D • IBM • Instagram • MKB • Morgan Stanley
CEU ECBS – JUMPSTART YOUR CAREER

WORKSHOPS • CV & LINKEDIN CLINIC • INTERVIEWING • ELEVATOR PITCH • CORPORATE SHOWCASES • CEU CAREERNEXT JOB PLATFORM

PhD programs – Berkeley • Duke • Harvard • LSE • Michigan • MIT • Princeton

Financial services – Bank of China • BlackRock • Citi • Deutsche Bank • Goldman Sachs • JP Morgan • Morgan Stanley • MSCI • Revolut • TransferWise

Advisory – Accenture • BCG • Cognizant • Deloitte • EY • KPMG • McKinsey • Moody's • PwC • TCS

Corporates – Amazon • AGCO • BT • BP • EPAM • Ericsson • ExxonMobil • GE • HP • IBM • MOL • Microsoft • Nokia • P&G • Roche • SAP • Unisys

Supranationals – EBRD • EC • ECB • IMF • UN • World Bank
INNOVATION IN BUSINESS EDUCATION • GUIDED BY INDUSTRY

U.S. Master’s and MBA degrees – Study in Budapest • Vienna
Full-time or part-time – Graduates • career changers • professionals • executives
Land a career anytime – 95% of full-time students employed within 3 months
Top partner schools – Go for a week • summer program • entire semester
Develop your own startup – CEU InnovationsLab incubator

Data engineering | Data science and ML | Investments & Banking
MS Business Analytics | Data analysis | MS Finance
Data and tech management | Fintech | Fintech Management
CEU InnovationsLab | Technology Management | Financial Management
Innovation and entrepreneurship | MS | CEU Executive MBA
LEARN THE SKILLS TO CREATE VALUE FROM BIG DATA • ANALYZE & ACT UPON INSIGHTS FROM DATA • SEE HOW DATA ANALYTICS CAN DRIVE BUSINESS VALUE

| Topics – Data analytics • Coding • Data science & machine learning • Data engineering • Big data & cloud computing • Visualization • Data management & leadership

| Use cases • Simulations • Capstone project

| CEU InnovationsLab

| U.S. Master of Science
| 10 months • 36 (72 ECTS) credits
| Full-time or part-time • Option to change • Option to extend
| Study in Budapest • Elective trips to Vienna

| Students 32
| Nationalities 12
| Age 29, 22–47
| Female : Male 14 : 18
MS IN BUSINESS ANALYTICS

DATA ANALYSIS
- Exploration
- Finding Patterns with Regressions
- Prediction & Intro to Machine Learning

CODING
- Data Management & Analysis with R
- Web Scraping with R
- Data Management & Analysis with Python

DATA SCIENCE
- Data Architecture
- Machine Learning Concepts
- Machine Learning Tools
- Unstructured Text Analysis

DATA ENGINEERING
- Different Shapes of Data
- Big Data & Cloud Computing
- Real-time Data Processing
- Using R in Production

DATA VISUALIZATION
- Intro to Data Viz with Tableau
- Practical Dataviz with R
- Dataviz in Production with Shiny
- Design for Effective Communication

MASTERING
- R Skills
- Deep Learning in R
- Data Science Projects
- Product Analytics
- Social Data Science
- Process of Data Science
- Social Data Science

DATA & TECH MANAGEMENT
- Intro to Agile Project Management
- Scrum in Agile Project Management
- Digital Strategy
- Digital Transformation
- Decision-Making & Analytics Leadership
- Digital Marketing
- Tech Innovation: Cognitive & Smart Sys
- IoT – Industry 4.0
- Data Security & GDPR
- Ethics of Big Data

FINANCE & TECHNOLOGY
- Banking IT & Fintech: Bank to the Future
- Fintech in Depth
- Financial Trading Design & Technology
MS IN FINANCE

A PROFESSIONAL PROGRAM GUIDED BY INDUSTRY • SHARPEN YOUR SKILLS • LEARN NEW STRATEGIES, DATA TOOLS & TECHNOLOGIES • EMBRACE INNOVATION

<table>
<thead>
<tr>
<th>U.S. Master of Science</th>
<th>Topics – Financial management • Investments &amp; banking • Trading • Innovation &amp; fintech • Data analytics • Coding • Visualization • Data science &amp; ML • Leadership</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 months • 36 (72 ECTS) credits</td>
<td>Use cases • Simulations • Capstone project</td>
</tr>
<tr>
<td>Full-time or part-time • Option to change • Option to extend</td>
<td>CEU InnovationsLab</td>
</tr>
<tr>
<td>Study in Budapest • Elective trips to Vienna</td>
<td>Fintech Management Parallel Studies</td>
</tr>
</tbody>
</table>

Students: 35  
Nationalities: 14  
Age: 26, 21–36  
Female : Male: 16 : 19
# MS IN FINANCE – ADVISORY COMMITTEE

## WORKING GROUP OF SENIOR EXECUTIVES

**Advise** – Curriculum consulting to ensure commercially relevant training  
**Contribute** – Courses • use cases • simulations • site visits  
**Help** – Careers • internships • network • scholarships

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Company/Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>János Babos</td>
<td>Managing Partner</td>
<td>Process Solutions</td>
</tr>
<tr>
<td>Björn Bergabo</td>
<td>General Manager</td>
<td>GE</td>
</tr>
<tr>
<td>Tommy Erdei</td>
<td>Managing Director</td>
<td>Jefferies (UK)</td>
</tr>
<tr>
<td>Norbert Fogarasi</td>
<td>Managing Director</td>
<td>Morgan Stanley</td>
</tr>
<tr>
<td>Elemér Gidófalvy</td>
<td>Senior Advisor</td>
<td>WOOD &amp; Co</td>
</tr>
<tr>
<td>Orsolya Hagedűs</td>
<td>Partner M&amp;A Adv.</td>
<td>Deloitte (AT)</td>
</tr>
<tr>
<td>Ákos Janza</td>
<td>Head of Office</td>
<td>MSCI</td>
</tr>
<tr>
<td>Levente Jánoskúti</td>
<td>Managing Partner</td>
<td>McKinsey</td>
</tr>
<tr>
<td>George Juscsák</td>
<td>Executive Director</td>
<td>JP Morgan (AT)</td>
</tr>
<tr>
<td>Zsolt Katona</td>
<td>CEO</td>
<td>Solus Capital</td>
</tr>
<tr>
<td>Zoltán Major</td>
<td>Chairman</td>
<td>OTP (RU)</td>
</tr>
<tr>
<td>Melanie Seymour</td>
<td>Head of Office</td>
<td>Blackrock</td>
</tr>
<tr>
<td>Szabolcs Szalay</td>
<td>Associate Director</td>
<td>BCG</td>
</tr>
<tr>
<td>György Ungár</td>
<td>Managing Director</td>
<td>BenceVárády-Szabó</td>
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<tr>
<td>BenceVárády-Szabó</td>
<td>Managing Director</td>
<td>Euronet Worldwide</td>
</tr>
<tr>
<td>Balázs Vinnai</td>
<td>President</td>
<td>W.UP</td>
</tr>
</tbody>
</table>
MS IN FINANCE

FINANCIAL MANAGEMENT
Financial Management
Corporate Finance & Risk Management
Company Valuation
Corporate Restructuring
Corporate Governance
Boardroom Global Challenge

INVESTMENTS & BANKING
Investments 1: Trading & Portfolio Theory
Investments 2: Asset Pricing
Banking & Financial Institutions
Derivatives
Fixed Income Analysis
Financial Trading Design & Technology

REPORTING & CONTROL
Financial Reporting & Control
Advanced Reporting & Control
Strategic Managerial Accounting

FINANCE & INNOVATION
Private Equity & Venture Capital
Entrepreneurial Finance
Banking IT & Fintech: Bank to the Future
Fintech in Transaction Services
Fintech in Depth

DATA ANALYTICS
Exploration in R & VBA
Finding Patterns in R & VBA
Financial Econometrics
Stochastic Finance
Machine Learning
Data Architecture

DATA TOOLS
SQL for Finance
Python Programming, Viz & Text Analysis
Python for Finance
Introduction to Tableau
Practical Dataviz with R
Different Shapes of Data

ECONOMICS & BEHAVIOR
Economic Foundations
Behavioral Finance

REGULATION
Regulatory & Policy Environment
Legal Aspects of Corporate Finance
Comparative Bankruptcy Law
International Investment Law & Regulation
Law for Small & Mid-Scale Startups
MS IN TECHNOLOGY MANAGEMENT & INNOVATION

OUR TECH EXECUTIVE MASTERS • COMBINE YOUR EXPERTISE WITH BUSINESS, FINANCE AND LEADERSHIP SKILLS TO BECOME A TECH LEADER OR ENTREPRENEUR

- U.S. Master of Science
- 10 months • 36 (72 ECTS) credits
- Part-time • Weekend classes • Option to extend
- Study in Budapest • Elective trips to Vienna
- Topics – Leadership • Technology & architecture • Project management • Innovation & entrepreneurship • Marketing • Financial management • Data Management
- Use cases • Simulations • Capstone project
- CEU InnovationsLab
- Fintech Management Parallel Studies

Students | 18
Nationalities | 7
Age | 31, 22–39
Female : Male | 6 : 12
### MANAGEMENT & LEADERSHIP
- Best Practices in IT Service Management
- Digital Transformation
- Digital Strategy
- e-Leadership
- Boardroom Global Challenge

### INNOVATION & ENTREPRENEURSHIPSHIP
- Innovation Imperatives
- Tech Innovation (Cognitive & Smart Systems)
- Sustainability and Innovation in Business
- IoT - Industry 4.0
- Technology-based Entrepreneurship
- Law for Small and Mid-scale Startups

### PROJECT MANAGEMENT
- Fundamentals of Project Management
- Introduction to Agile Project Management
- Scrum in Agile Project Management

### SELLING & MARKETING
- Consultative Selling and Negotiations
- Customer Centric Branding & Marketing
- Digital Marketing

### FINANCIAL MANAGEMENT
- Financial Management
- Finance for Startups

### DATA MANAGEMENT
- Quantitative Decision Making
- Ethics of Big Data
- Data Security and GDPR

### FINANCIAL INNOVATION
- Banking IT and Fintech: Bank to the Future
- Fintech in Transaction Services
- Fintech in Depth
FINTECH MANAGEMENT PARALLEL STUDIES

COMBINE TWO DEGREES AND BECOME A FINTECH LEADER • DEVELOP YOUR FINTECH STARTUP IN THE CEU INNOVATIONSLAB

- Two Master’s degrees • Reduced load due to credits-in-common
- 10/22 months • 59-72 (118-144 ECTS) credits
- Full-time or part-time • Option to change • Option to extend
- Earn 1st degree now • Return for 2nd degree within 4 years

Topics – Finance • Fintech • Data analytics • Management & leadership • Technology & architecture • Project management • Innovation & entrepreneurship • Marketing

Use cases • Simulations • Capstone project

CEU InnovationsLab

MS in Finance
MS in Technology Management & Innovation
CEU InnovationsLab
STUDY ABROAD TO EXPAND YOUR NETWORK • BROADEN YOUR HORIZONS

Free of tuition – Go for a week • Summer program • Entire semester
Choose what you do – Specialize further • Broaden your skills • MBA courses
Internationalize – Broaden your network • Move your career

TOP PARTNER SCHOOLS IN THE AMERICAS • ASIA • EUROPE

United States – Brandeis IBS • Emory Goizueta • NYU Stern* | Mexico – IPADE
China – Shanghai Jiao Tong | Japan – Hitotsubashi | Singapore – ESSEC
France – ESSEC | Germany – EBS • KLU
CEU EXECUTIVE MBA

EMBA FOR THE OPEN WORLD • TRANSFORM YOUR PROFESSIONAL FUTURE • GO FROM OPERATIONAL & FUNCTIONAL EXPERTISE TO STRATEGIC LEADERSHIP

U.S. MBA
28 months • 50 (100 ECTS) credits
Modular for working managers • 10 modules of 4-9 days each
Study in Vienna and Budapest

Topics – Big picture • Control • Data • Finance • Business strategy • Non-market strategy • IT for executives • Leadership • Marketing & consumer behavior • Managing operations strategically • Innovation, entrepreneurship & network economy

<table>
<thead>
<tr>
<th>Students</th>
<th>Max. 75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nationalities</td>
<td>20</td>
</tr>
<tr>
<td>Age</td>
<td>37</td>
</tr>
<tr>
<td>Experience</td>
<td>8, 3 leader</td>
</tr>
</tbody>
</table>
CEU INNOVATIONSLAB

CEU’S FLAGSHIP INCUBATOR • FOR THE STARTUPS OF CEU STUDENTS & ALUMNI

Launched in March 2016

Incubation & acceleration – Diagnostics • Mentoring • Workshops • Networking
University access – Courses • Business MS capstone projects • LLM legal clinic
Teaching & research – Bootcamps • Startups serve as live case studies

Success stories – €5m+ raised • 75+ jobs created • CES 2017: Best Accelerator and Incubator in Hungary • CES 2019: Founder of the Year, Best Fintech Startup

Startups – AbsoRice • BrokerChooser • Ryde • Salarify • Savage • Supp.li • Talk-A-Bot
HOW TO APPLY

GENERAL REQUIREMENTS

Application materials – CEU Application Form • CV • Academic records • Statement of purpose • Two letters of recommendation

Proof of English proficiency – TOEFL • IELTS • Pearson • Cambridge • Euroexam

Exempt if native speaker • University degree in English

PROGRAM-SPECIFIC REQUIREMENTS

Business MS programs

MS in Business Analytics
MS in Finance
MS in Technology Management

CEU Executive MBA

GMAT • GRE • CEU online math test
No exemptions
Exemption – CFA I & II • ACCA Levels 1-8
Exemption – aged 30 + 5 years work
8 years work + 3 years leadership
SCHOLARSHIPS AND FINANCIAL AID

CEU TUITION FEES GENEROUSLY SUBSIDIZED BY CEU ENDOWMENT

Applying for full-time?
Business MS Programs – Named scholarship programs with industry partners

Applying for part-time?
Business MS Programs – Corporate Tuition Scheme
CEU Executive MBA – The Open World Scholarship

Interested in fintech?
Fintech Management Parallel Studies

Returning student or alum?
CEU student and alumni discounts
APPLYING FOR, FULL-TIME MS IN BUSINESS ANALYTICS OR MS IN FINANCE • PASSIONATE ABOUT FINANCIAL SERVICES, DATA ANALYSIS AND TECHNOLOGY?

Future of Big Data Scholarship & Training Program
Powered by London boutique investment firm • Full tuition • Mentoring • Research assistantship • Possible internship in donor’s Mayfair office

Morgan Stanley Internship Program
Finance, Risk and Quantitative Finance teams • Selected candidates awarded partial tuition waivers • Internships can lead to full-time job offers

Women in Technology Scholarship Program
Powered by BlackRock • Women who show potential or leadership in professional and personal endeavors • Full tuition • Mentoring by industry partners
AGNES SCHRAM
Student Recruitment Manager

ANNA KAPOSVARI
Corporate Relations Manager

NENA GRCEVA
Head of Alumni Relations

ANDREA KOZMA
CEU InnovationsLab Director

JULIUS HORVATH
Professor
Head of Department

GABOR BEKES
Assistant Professor
MS in Business Analytics

PETER SZILAGYI
Associate Professor
MS in Finance

ACHILLES GEORGIU
Visiting Lecturer
MS in Technology Management

economics.ceu.edu