

Columbus International University Online Higher Education Campus

**International/Global Communication Bases:**

North America, South/Latin America & Europe: Panama City

Africa, Middle-East Asia & Asia-Pacific/Oceania: Hong Kong

**Graduate School of Open Programs**

Program: Master of Science (MS) in Systematic Analytical Finance

Program Structure

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1. Financial Calculus
2. Econometric Methods and Application
3. Thinking Systematically and Strategically
4. Analytical Principles and Applications
5. Advanced Numerical Methods
6. Financial Econometrics
7. Financial Analysis and Engineering
8. Financial Research Methodology and Strategies
9. Money, Banking and Financial Institutions
10. Corporate and International Finance
11. Advanced Investment Analysis
12. Venture and Project Financing
13. Simulation and Experiments Design
14. Investment Banking Strategies
15. Financial Product Innovation
16. Financial Risk Management
17. Enterprise Wide Risk Management
18. Financial Data Mining and Decision Support System Design
19. Financial Decision Analysis and Judgement
20. Financial Requirement Analysis and Strategies