



# Decision-Making and Risk Management

Make strategic and operational decisions in a complex environment



THE UNIVERSITY OF  
CHICAGO



**Risk management is a core business process for identifying and assessing risks before planning and implementing actions to overcome them. It is critical for leaders and decision-makers within organizations to understand the theory behind risk management and how it impacts the decision-making process. One of the keys to a successful organization in today's high-stakes world is having the necessary skills to mitigate these risks.**

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## **Decision-Making and Risk Management**

Every day, leaders make decisions that impact their organization. In times of uncertainty, some decisions carry more risks than others. How can we ensure a better, more logical approach to decision-making without complicating matters further? The answer: risk management. This management tool is key to securing and even driving business outcomes. That is why leaders at all levels need to understand the role of risk management in decision-making.

### **Course Details**

**Tuition:** USD \$2,800

**Course Format:** Online with live, interactive sessions

**Duration:** Eight weeks

**Language:** English

**Instructor:** Borislava Karageorgieva, CFA, MBA, PAHM; Decision-Making and Risk Management, the University of Chicago

## About the Course

Our eight-week Decision-Making and Risk Management online course focuses on the fundamental concepts, definitions, principles, and practices in risk management from the perspectives of the corporation, the market, and the regulator. Topics in the course include corporate risk governance and enterprise risk management, assessment of risk at the corporate and capital allocation level, risk management products and structures, tools for decision-making in risk management, and regulatory risk monitoring and compliance. This course will be taught based on *Harvard Business Review* (HBR) cases and articles on financial risk management.

### You will learn to:

- Understand the different types of risks, risk analysis, and monitoring tools
- Explore regulatory requirements, processes, and compliance
- Use financial and statistical tools for risk analysis
- Design strategies involving portfolio management, budgeting, and structure
- Introduce risk governance and management into an organization's culture
- Learn about concepts and identify tools for decision-making within risk management, including derivative structures and risk analysis models



## Who Should Attend?

This course provides a review of fundamental concepts relevant for risk analysts, compliance analysts, financial analysts, regulatory examiners, and any manager that wants to learn the importance of making strategic decisions with risk in mind. The concepts taught in this course are also applicable to individual decision-making and risk management.

## Meet your Instructor



Borislava Karageorgieva is a corporate finance expert with experience in financial compliance and regulatory analysis, mergers and acquisitions, angel investing and entrepreneurship, and board governance. She has worked in both early-stage and mature companies and internationally.

Karageorgieva is the board president of the Chicago Booth Angels Network of Chicago. She is a board director and past president of the Chicago Booth Alumni Club of Chicago. She judges, coaches, and mentors entrepreneurs in the alumni and global new venture challenge tracks for the Polsky Center for Entrepreneurship and Innovation accelerator program at the University of Chicago.

A co-founder of several businesses, including for-profit and non-profit entities, she is a member of the University of Chicago's Global Entrepreneurial and Investor Network.

Karageorgieva is an adjunct instructor at the University of Chicago, where she teaches the Corporate Financial Strategy and Decision-Making and Risk Management courses.

She received her MBA from the University of Chicago Booth School of Business, an undergraduate finance degree in Sofia, Bulgaria, and is a CFA charterholder.

## **Why the University of Chicago?**

Becoming a member of the University of Chicago community means gaining access to world-class instructors and a cohort of curious, diverse individuals.

Through a firm grounding in core principles and a rigorous approach to problem-solving, our teaching method—the Chicago Approach—will give you the tools you need to make sense of complex data and turn ideas into impact. Course participants will receive a certificate of completion and join a global network of thought leaders.

## **Approach to Online Learning**

Our online courses are crafted to support your specific professional development goals. Courses combine e-learning with live, interactive sessions to strengthen your skill set while maximizing your time. We couple academic theory and business knowledge with practical, real-world application.

Through online sessions, you will have an opportunity to interact with University of Chicago instructors and your peers.





## Career Outlook

Every organization strives to practice innovative risk management strategies to maximize their return on investment and reduce losses. As data security breaches surge and government regulations grow more stringent, risk management becomes even more necessary. The global risk management market was valued at 7.39 billion dollars in 2019 and is projected to reach 28.87 billion by 2027, growing at a rate of 18.7% between 2020 and 2027.

**\$73<sub>k</sub>**

The average annual base pay for an investment advisor in the US

**\$28B**

The size the risk management market is expected to reach by 2027

**81%**

The projected CAGR of the industry from 2020 to 2027

## Potential Risk Management Job Titles

- Chief Risk Officer
- Compliance Consultant
- Compliance Officer
- Environmental Compliance Specialist
- Loss Control Consultant
- Model Risk Specialist
- Regulatory Affairs Manager
- Risk Analyst
- Risk Compliance Investigator
- Risk Manager



## Weekly Schedule

The Decision-Making and Risk Management course covers the following topics:

### Module 1: Risk Management—Introduction

- Sources of risk
- Types of risk
- Decision-making and risk management

### Module 2: Risk Governance—The Foundation of Risk Management

- Board of directors
- Management
- Policies and processes
- Enterprise risk management

### Module 3: Risk Identification—Strategic Analysis

- Executive risk management
- Visible and hidden risks
- Technical analysis
- Correlation among risk
- Tracking risk exposure



#### **Module 4: Risk Measurement—A Mainly Statistical Process**

- Risk measurement
- Types of risk metrics
- Basic statistical tools

#### **Module 5: Risk Management Infrastructures—People, Systems and Models**

- Tracking and monitoring risk exposure
- Financial and statistical tools for risk analysis
- Econometric tools
- Model risk

#### **Module 6: Risk Management Decision-Making Strategies**

- Concept of risk premia and pricing of risk
- Risk management strategies and structures
- Risk management decisions in portfolio management
- Risk management decisions in capital budgeting
- Risk management decisions in capital structure
- Risk assessment scorecard



## Module 7: Risk Monitoring—Internal and External

- Risk exposure alignment
- Policies and processes
- Regulatory requirements and compliance

## Module 8: Strategic Risk Integration—Putting It All Together

- Offensive weapons
- Closing remarks

Course outline may be subject to change based on academic adjustments.

### Complement your studies:



If you would like to further your studies in finance, our ten-month [Financial Management and Decision-Making for the 21st Century certificate program](#) provides knowledge of financial topics, enabling you to implement this in your work environment.

Leverage the University of Chicago's leadership in the financial sector and further your studies in areas such as Corporate Financial Strategy, Data-Driven Financial Analysis, The Psychology of Finance, and FinTech.

### Learn more

To schedule an appointment with admissions, contact [\*\*admissions@online.professional.uchicago.edu\*\*](mailto:admissions@online.professional.uchicago.edu) or alternatively you can let us know when we can call you [\*\*here\*\*](#).

Visit [\*\*online.professional.uchicago.edu\*\*](https://online.professional.uchicago.edu) to learn more.