

Enterprise Risk Management

Master of Science

Certification of Professional Achievement

New York City or Online Option

Impacting decision-making at the highest levels.

Multifaceted, Practical ERM Knowledge

The master's program has five distinct features critical for ERM:

- A focus on all aspects of ERM, including:**
 - ERM framework
 - risk governance
 - risk identification
 - risk quantification
 - risk decision-making
 - risk messaging
- A focus on all risk sources, including:**
 - strategic (strategy execution risk, competitor risk, etc.)
 - operational (HR, cyber-security, etc.)
 - financial (market risk, credit risk, etc.)
 - insurance risk (e.g. pricing risk)
- A customizable course of study**
Recognizing that ERM is a broad field with various roles, we offer flexible course options. You can select a deeper dive into the content most suited to your needs.
- A balance of skills**
You will supplement technical ERM skills with business communication skills required to effectively navigate the ERM landscape and gain buy-in from key internal and external stakeholders.
- A practical approach**
Develop practical ERM tools and techniques that have been tested and proven in the marketplace by our faculty, who are globally recognized ERM leaders.

Flexible Options

The program offers flexible full-time and part-time options. All classes are offered on-campus and most are also available online

Program Options	Course Formats*	Time Commitment
Master of Science (full-time)	On-campus or Online via live interactive classroom	3 terms Capstone Course
Master of Science (part-time)	On-campus or Online via live interactive classroom	Up to 6 terms Capstone Course
Certification of Professional Achievement (full- or part-time)	On-campus or Online via live interactive classroom**	1-4 Terms
Non-Credit Courses	On-campus or Online via live interactive classroom	Custom

* Switching between on-campus and online instruction is possible with administrative approval. ** Starting in Spring 2020.



"My professor was actually the chief risk officer of the regulatory authority. I felt the deep connection between my work and the class."

Kazuya Takishima | '19SPS, Enterprise Risk Management
Associate, FP&A at Nomura

Apply Online sps.columbia.edu/enterprise-risk-management

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Core Competencies

In the ERM Program, you will learn to:

Apply a value-based ERM approach to help organizations make better risk-reward decisions at the highest levels.

Enhance the strategic planning process, increasing the likelihood of an organization achieving its goals.

Quantify all types of risk, including strategic, operational, financial, and insurance.

Understand and satisfy ERM requirements from rating agencies, regulators, and shareholders.

Develop a clear definition of risk appetite (the aggregate enterprise-level risk limit).

Balance technical ERM skills with effective communication skills to gain buy-in from key internal and external stakeholders.

Design and implement customized ERM frameworks and risk governance structures for any type of organization.

Faculty With Outstanding Academic Credentials & Industry Experience

Develop practical ERM tools and techniques that have been tested and proven in the marketplace by our faculty, who are globally recognized ERM leaders with experiences at companies such as:

ADP	Exelon	Morningstar
AIG	Fannie Mae	New York Life Insurance Company
American Express	Financial Industry Regulatory Authority (FINRA)	NYC Housing Authority
Barclays	Goldman Sachs	Pfizer
Bloomberg	Healthfirst	PRMIA
CIT Group	HSBC	Standard & Poor's
CohnReznick	KPMG	UBS Wealth Management
Credit Suisse	Lehman Brothers	UGI Corporation
CUNA Mutual Group	Merrill Lynch	
Deloitte	Morgan Stanley	
Everest Re Group, Ltd.		

Who Should Apply

- Individuals who plan to pursue or advance a career in enterprise risk management.
- Individuals who want to expand their abilities in specialized risk management areas such as auditing, information technology, compliance, and management of insurable risks.



"Companies were specifically interested in my risk management experience. So, I consistently referred back to the program...I received a lot of offers."

Molly Sun | '17SPS, Enterprise Risk Management
Product Manager, Cloud Platform, AutoDesk