

Enterprise Risk Management

Master of Science

Certification of Professional Achievement

New York City / Online

STEM-Designated Program

Impacting decision-making at the highest levels.

Features

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, cybersecurity, 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 leaders in the ERM/risk fields.

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*	Program Length
Master of Science (Full-Time)	On-campus or online	3 terms + capstone course
Master of Science (Part-time)	On-campus or online	Up to 6 terms + capstone course
Certification of Professional Achievement (Full- or Part-Time)	On-campus or online	1–4 terms

* Switching between on-campus and online classes is possible with administrative approval.



"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



Check out our current and upcoming events



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.

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

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

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

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

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

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

Faculty with Outstanding Academic Credentials and Industry Experience

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

ADP

AIG

Alvarez & Marsal

American Express

Asian Development Bank

Bank of America Merrill Lynch

Barclays

Bloomberg

BNP Paribas

Brown Brothers Harriman

Citigroup

Citizens Bank

CUNA Mutual Group

Deloitte

DTCC

Everest Re

Exelon

Fannie Mae

Federal Reserve Bank of San Francisco

FINRA

Flagstar Bank

Goldman Sachs

HSBC

JPMorgan Chase

KPMG

Mizuho Bank

Morgan Stanley

Morningstar

MUFG

New York Life

NJ Transit

NYCHA

Oppenheimer & Co.

Pacific Life

Pfizer

PRMIA

S&P Global

SMBC Group

Societe General

SoFi

Teledyne Technologies

UBS

UGI Corporation

Visiting Nurse Service

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 credit risk, information technology, audit, 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