

# 2025 SUMMER

## Columbia Young Development Program



# Introduction 课程简介

- ▶ 自2007年暑期开始至今，为国内重点高校的优秀学生定制硕士预备夏校，包括清华大学、复旦大学、上海交通大学、中国科学技术大学、西安交通大学等高校
- ▶ 由哥伦比亚大学中国教育研究中心主办，获颁哥大工程学院副院长签署的官方课程证书
- ▶ 全程在哥伦比亚大学校园内上课，3周72个学时，课程主题涉及金融、经济、市场、数据分析、软性技能等
- ▶ 由哥伦比亚大学工程学院、商学院、国际关系学院和新闻学院教授亲自授课，结合普林斯顿大学、联合国等机构的特邀师资
- ▶ 学员住在校园周边的学生宿舍/公寓体验留学生活
- ▶ 项目老师全程安全管理，历年无事故

# Features 课程特点

- Career-oriented curriculum 以职业发展为核心的课程设计
- Faculty with industry and market experiences 师资具备业界背景
- Interdisciplinary teaching and peer learning 强调跨主题教学
- Alumni resources in finance, consulting, tech, media, law, education 十七年校友网络
- Reference and reputation 优异学生将获得推荐信，并受到国内外名校认可
- Low cost and scholarship 课程学费较低，表现突出的学生将获得奖学金

# Faculty Profile



## Advisor

Executive Director of Center on Chinese Education, Columbia University

哥伦比亚大学

中国教育研究中心执行主任



## Columbia Professor

Vice President of Marketing Communications at Goldman Sachs;

Head of Marketing on National Growth Brands at Nestle Waters USA

哥大商学院教授，兼高盛投行高管



## Columbia Professor

Previous Managing Director of Citi Group;

North American co-chair of ISDA's (International Swap and Derivatives Association) Risk Management Committee

哥大商学院教授，前花旗集团董事总经理

# Cross-Disciplinary Curriculum



Columbia Professor

Interest in developing probabilistic simulation algorithms for producing random objects with exact precision. Blockchain technology and bitcoin is yet another recent interest.

哥大金融工程硕士项目教授



Columbia Professor

Interest in the application of machine learning, computer vision and NLP tools in the context of art valuation, social networks, marketing analytics and online retailing

哥伦比亚大学商学院商业分析教授



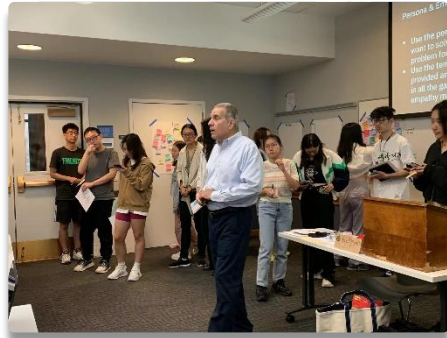
Columbia Professor

Senior Associate Dean of Undergraduate and Graduate Student Affairs

Adjunct Professor of Professional Development and Leadership

哥大工程学院副院长

# Fostering graduate study and application



## Harvard Professor

Executive Leadership roles in Finance, Supply Chain Operations, Development Engineering and Enterprise Risk Management (including anti-bribery and corruption compliance, data privacy and cybersecurity).

哈佛大学兼职教授，前IBM高管



## Columbia Professor

Director, Professor of Practice in International and Public Affairs, Columbia University

哥大国际关系学院教授，与巴菲特孙子霍华德教授一起研究价值投资



## Professional Coach

Teaching MBA courses on Leadership Communication at Columbia Business School, previously working in McKinsey

哥大商学院职业导师

# Building up solid base for growth



## Columbia Professor

Director of IEOR Undergraduate Studies,  
Ph.D. in Information Systems  
Management from Carnegie Mellon  
University

哥大工程学院本科生项目主任



## Columbia Professor

An award-winning former business  
reporter

哥大新闻学院教授，资深财经记者



## UN Manager

Head of Individual Digital and Public Giving  
at UN Women, United Nations Chief of  
Resource Mobilization and Partnerships, MIT  
engineering school tutor

联合国高管，近20年国际发展、金融媒体  
行业背景，兼任MIT工学院职业导师

# MSBA, Columbia University

## 哥大商业分析硕士大纲

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

 COLUMBIA | MS IN BUSINESS ANALYTICS  
COLUMBIA ENGINEERING | COLUMBIA BUSINESS SCHOOL

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### Core - 12 credits

IEOR	E4502	Python for Analytics Bootcamp (0-credit)
IEOR	E4599	MSBA Quantitative Bootcamp (0-credit)
IEOR	E4101	Probability, Statistics and Simulation
IEOR	E4523	Data Analytics
IEOR	E4650	Business Analytics
MRKT	B9651	Marketing Analytics
ENGI	E4000	Professional Development Leadership (0-credit)



# Master Programs, Columbia Engineering

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK



## INDUSTRIAL ENGINEERING AND OPERATIONS RESEARCH

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### Master of Science Programs



[Management Science and Engineering \(MS&E\)](#)



[Business Analytics \(MSBA\)](#)



[Financial Engineering \(MSEE\)](#)



[Operations Research \(MSOR\)](#)



[Industrial Engineering \(MSIE\)](#)



# 2025 Summer Program Agenda 夏季课程表

Date	Time	Courses/Activities
08/01 周五		Arrival in NYC and pick up at the airports 抵达纽约，安排接机
08/02 周一	8:00 AM, Mudd 303	Orientation 开课仪式，说明课程纪律和安全事宜，场地以哥大工程学院金融工程硕士教室为主
	9:30 AM to 12:00	American Pedagogy & Culture by Deputy Director of CoCE, Columbia University 哥大中国教育研究中心副主任讲述美国教学和文化
	1:30 PM to 4:30 PM	Team-building and brainstorming on team project 分组进行头脑风暴，讨论小组案例方向
	5:00 PM to 6:30 PM	Visit Times Square 课后团队游览时代广场，晚上八点前回到学生公寓，和家人联系报平安
08/03 周二	9:30 AM to 12:00 PM SIPA 405	Social Value Investing by Columbia SIPA Professor 哥大国际关系学院教授讲述社会价值投资 教室在哥大国际关系学院一层
	2:00 PM to 4:30 PM	Visit Statue of Liberty 可选集体游览自由女神像
	5:00 PM to 8:00 PM	Visit City Hall, Brooklyn Bridge and Dumbo 之后团队游览布鲁克林大桥，调整时差，然后集体回到哥大
08/04 周三	9:30 AM to 12:00 PM	Study Planning and Soft Skills by President of AIEEC 项目负责人讲述升学规划和软性技能
	Afternoon	Group Tour 可选集体游览，调整时差
08/05 周四	9:30 AM to 12:00 PM	Leadership and Global Development 联合国高管讲述个人领导力和全球跨文化职业发展
	Afternoon	Group Tour 可选集体游览，调整时差结束

# Second Week

Date	Time	Courses/Activities
08/06 周五	9:30 AM to 12:00 PM	Data Analytics I by Columbia Professor 哥大工程学院本科生项目教授讲述数据分析
	1:30 PM to 4:00 PM	Data Analytics II by Columbia Professor 哥大工程学院本科生项目教授讲述数据分析
08/07 周六	9:30 AM to 12:00 PM	Data Analytics III by Columbia Professor 哥大工程学院本科生项目教授讲述数据分析
	1:30 PM to 4:00 PM	Data Analytics IV by Columbia Professor 哥大工程学院本科生项目教授讲述数据分析
08/08 周日	9:30 AM to 12:00 PM	Financial Modeling I by Columbia MFE Professor 哥伦比亚大学金融工程硕士项目教授讲述金融模型
	1:30 PM to 4:00 PM	Financial Modeling II by Columbia MFE Professor 哥伦比亚大学金融工程硕士项目教授讲述金融模型
08/09 周一	10:00 AM to 12:00 PM	Financial News Investigation by Columbia Journalism School Professor 哥大新闻学院教授讲述经济金融市场调查
	1:30 PM to 4:00 PM	Group study 小组学习
08/10 周二	10:00 AM to 12:00 PM	Admission Information Session by Associate Dean of Columbia Engineering School 哥大工程学院副院长讲述硕博申请 可以准备个人简历，课上作为范例现场修改
	1:30 PM to 4:00 PM	Professional Development by Associate Dean of Columbia Engineering School 哥大工程学院副院长讲述职业规划

# Third Week

Date	Time	Courses/Activities
08/11 周三	9:30 AM to 12:00 PM	Design Thinking I 蓝色巨人IBM 前高管讲授设计思维
	1:30 PM to 4:00 PM	Design Thinking II 蓝色巨人IBM 前高管讲授设计思维
08/12 周四	Morning	Group Study 小组学习
	2:30 PM to 8:30 PM	Market Analysis I & II by Columbia Business School Professor 哥大商学院教授讲述市场策略和分析 计划在商学院教学楼授课
08/13 周五	9:30 AM to 12:00 PM	Market Analysis III by Columbia Business School Professor 哥大商学院教授讲述市场策略和分析
	1:30 PM to 4:00 PM	Market Analysis IV by Columbia Business School Professor 哥大商学院教授讲述市场策略和分析
	4:00 PM to 6:30 PM	Panel with young professionals in NYC 与往届校友纽约在职人士座谈，分享过来人经验
08/14 周六	9:30 AM to 12:00 PM	Market Analysis V by Columbia Business School Professor 哥大商学院教授讲述市场策略和分析
	1:30 PM to 4:00 PM	Market Analysis VI by Columbia Business School Professor 哥大商学院教授讲述市场策略和分析
08/15 周日	9:30 AM to 12:00 PM	Generative AI for Business I 哥大商学院教授讲述生成式人工智能和商业分析
	1:00 PM to 3:30 PM	Generative AI for Business II 哥大商学院教授讲述生成式人工智能和商业分析

# Fourth Week

Date	Time	Courses/Activities
08/16 周一	Morning	Visit United Nations 参访联合国总部，了解国际组织就业发展和实习计划
	2:00 PM to 4:30 PM	McKinsey Consulting Framework I by Columbia Business School Professor 哥大商学院教授讲述麦肯锡咨询构架
08/17 周二	8:30 AM 出发	Visit Princeton University 参访普林斯顿大学
	2:30 PM to 7:30 PM	Visit University of Pennsylvania and City of Philadelphia 参访宾夕法尼亚大学，游览费城
08/18 周三	Morning	Group Study 小组学习
	Afternoon	Company Visit 企业参访，男生长袖衬衫西裤皮鞋，女生衬衫西裤或者套裙皮凉鞋，不可以是牛仔裤、球鞋、拖鞋等服饰。
08/19 周四	9:30 AM to 12:30 PM	Team competition on business analysis 小组案例演示
	1:30 PM to 3:30 PM	Closing ceremony 结业仪式，颁发哥大官方机构课程证书
08/20	9:30 AM to 7:30 PM	Visit West Point and Woodbury Outlet Shopping
08/21		Return to China and arrival in China 启程回国，抵达国内

# Soft Skill Workshop 软性技能 职业素养

- ▶ Professionalism
- ▶ One-minute elevator pitch
- ▶ Networking skills



# Study and Career Planning 升学和职业规划

- ▶ Career-oriented
- ▶ Self-assessment
- ▶ Majors/Programs
- ▶ Schools/Locations



# Performances and Benefits 个人收获

## Performance

- ▶ Attendance
- ▶ Engagement
- ▶ Contribution
- ▶ Teamwork

## Benefits

- ▶ Connections with faculty 与教授建立联系
- ▶ Certificate and transcript 官方证书和成绩单
- ▶ Recommendation letters 优异表现赢取推荐信
- ▶ Individual development planning 个人发展规划