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**M.S. Management Science
and Engineering**
M.S. Financial Engineering
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[MSFE Curriculum 2012-13](#)
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[MSFE Program Plan](#)
[MSFE Career Information](#)
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**M.S. Industrial
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Industrial Engineering**
**Ph.D. Industrial
Engineering and
Operations Research**
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MSFE CAREER INFORMATION

Located in the financial center of the world, the Columbia MSFE Program provides its graduates with both a strong theoretical and a practical foundation in all aspects of financial engineering, from knowledge of financial markets and instruments through financial modeling in a variety of areas, programming and data analysis. The Program commences in July and is flexible, allowing students to graduate within one academic year by May, the end of the summer or December, based on their educational and career objectives. The first half of the program focuses on core courses and fundamental skills; the second half provides electives in a wide variety of areas on both the buy-and-sell-sides of the financial industry.

The Columbia MSFE program has a dedicated MSFE Career Placement Officer who works with the Industrial Engineering and Operations Department Career Team as well as Columbia University's Center for Career Education to meet the unique career development needs of every student. Columbia University is dedicated to assisting students in professional development, providing resources that include not only education but also resume and cover letter writing, developing professional appeal and interview/networking skills.

The Columbia MSFE Program has had an excellent track record placing graduates in full time positions and internships. The full-time placement statistics for students who started in July 2010 (completed the Program in 2011) are listed below. The [July 2009 career information](#), [July 2008 career information](#) and [July 2007 career information](#) is also available.

Percentage of students placed*: 95%

Range of Annual Base Salary: \$50,000- \$120,000

Sign-on Bonus: \$0- \$25,000

First Year-End Bonus: 10%- 150% of Base Salary **

**of respondents*

***historically*

COMPANIES INCLUDE:

ABS Investment Management LLC
 American International Group
 Blackstone
 Bloomberg
 BNP Paribas
 Clarity Solutions Group
 Credit Agricole Corporate and Investment Bank Seoul
 Citigroup
 Deloitte
 DME Securites
 Federal Home Loan Bank of New York
 GIC
 Goldman Sachs
 ING Capital
 Macquarie Group
 Merk Investments
 Misys Sophis Nomura
 PricewaterhouseCoopers
 The Rothschild Group
 Safra Asset Management
 Societe Generale Group
 UBS

POSITIONS TITLES INCLUDE:

Assurance - Financial Engineering Team Analyst
 Capital Markets Associate
 Exotic Credit Trading Associate
 Financial Engineering Associate
 Financial Software Developer
 Fixed Income Currency Commodity Associate
 Futures Group Analyst
 Front Office Consultant
 Global Advisory Group Analyst
 High Frequency Trading Analyst
 Market/Credit Risk Analyst
 Quantitative Financial Analyst
 Risk Manager
 Senior Transfer Pricing Consultant
 Trader Assistant