Master of Science Programs

The MS programs provide academically distinguished and industry-oriented students the opportunity to obtain rigorous, graduate level training comprised of PhD and MBA courses at Columbia Business School.

Concentrating on areas within Finance and Quantitative Marketing, these programs train students in analytics, modeling and forecasting, sophisticated programming tools and machine learning. Students pursue entry-level or pre-manager roles depending on their experience prior to joining the programs.

Financial Economics

The Master of Science in Financial Economics is a two-year STEM-eligible program that provides students with the quantitative and theoretical tools for a successful career in finance. Potential employers include investment and commercial banks, asset management companies, economic consulting firms, and policy-oriented organizations.

### Schedule

Two-year program, with a summer internship
Students begin their academic program in September and graduate in May, two years after matriculation, and participate in a summer internship between their first and second years in the program.

### Skills Acquired

- Econometrics
- Empirical Asset Pricing
- Microeconomics
- Machine Learning

### Representative Roles

- Equity Research Analyst
- Associate, Macro Research Team
- Analyst, Credit Trading Desk
- Capital Markets Associate
- Equities Risk and Quantitative Analyst
- Quantitative Investment Trader
- Analyst, Scientific Active Equity
- Quantitative Investment Strategist
- Portfolio Strategy Research Associate
- Analyst, Macro Trading Team
- Associate, LatAm FI & FX Strategist

### Student Statistics

<table>
<thead>
<tr>
<th>Class</th>
<th>Class of 2018</th>
<th>Class of 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Size</td>
<td>9</td>
<td>21</td>
</tr>
<tr>
<td>Average Years of Work Experience*</td>
<td>1.6</td>
<td>1.0</td>
</tr>
<tr>
<td>Average GRE Quantitative %**</td>
<td>95%</td>
<td>93%</td>
</tr>
<tr>
<td>Acceptance Rate</td>
<td>4%</td>
<td>5%</td>
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</table>

*Number of years of full-time, professional work experience completed since earning the first degree
**Financial Economics students primarily take the GRE

Accounting and Fundamental Analysis

The newly launched Master of Science in Accounting & Fundamental Analysis is a three semester STEM-eligible program that provides training in the quantitative and theoretical tools necessary for a successful career in investment advisory, M&A, distressed investing/restructuring, equity and credit analysis, private equity, and consulting.

### Schedule

Three-semester program, with or without a summer internship
Students begin their academic program in August and most will pursue a summer internship after their first two semesters, returning the following fall to complete their degree in December. They can also elect to continue their studies through the summer to complete their degree.

### Skills Acquired

- Fundamental Analysis
- Statistics
- Valuation
- Microeconomics

### Expected Roles

- Investment Banking Analyst, M&A
- Financial Analyst, Financial Restructuring
- Asset Management Analyst
- Corporate Finance Analyst
- Research Analyst, Private Equity
- Distressed Finance and Restructuring Associate
- Real Estate Analyst
- Credit Risk Analyst
- Fixed Income Credit Analyst
- Equity Research Analyst

### Student Statistics

<table>
<thead>
<tr>
<th>Class</th>
<th>Class of 2018</th>
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</thead>
<tbody>
<tr>
<td>Class Size</td>
<td>15</td>
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<tr>
<td>Average Years of Work Experience*</td>
<td>1.3</td>
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<tr>
<td>Average GMAT/GRE Quantitative %</td>
<td>90%/95%</td>
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<tr>
<td>Acceptance Rate</td>
<td>6%</td>
</tr>
</tbody>
</table>

*Number of years of full-time, professional work experience completed since earning the first degree
Marketing Science

The Master of Science in Marketing Science program is a two-semester STEM-eligible program that trains marketing researchers for analytical and data-focused roles in consumer goods, tech, retail and luxury goods, specialized consulting, and other organizations where data analytics add value.

**Student Statistics**

<table>
<thead>
<tr>
<th>Metric</th>
<th>CLASS OF 2017</th>
<th>CLASS OF 2018</th>
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</thead>
<tbody>
<tr>
<td>Class Size</td>
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<td>16</td>
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<tr>
<td>Average Years of Work Experience*</td>
<td>1.4</td>
<td>1.0</td>
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<tr>
<td>Average GMAT Quantitative %**</td>
<td>89%</td>
<td>81%</td>
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<tr>
<td>Acceptance Rate</td>
<td>6%</td>
<td>8%</td>
</tr>
</tbody>
</table>

*Number of years of full-time, professional work experience completed since earning the first degree
**Marketing Science students primarily take the GMAT

**Schedule**

Two-semester program

Students begin their academic program in August and obtain their degree in May, at which point they are available for full-time employment.

**Representative Roles**
- Marketing Analyst
- Data Strategist, Marketing Performance
- Digital Media Analyst
- Business Analyst
- Research Analyst, Marketing Sciences
- Customer Analytics Specialist
- Social Media Data Analyst

**Skills Acquired**
- Analytics
- Marketing Research
- Strategic Consumer Insights
- Marketing Models
- Multivariate Statistics

**Class of 2017**
- Class Size: 9
- Average Years of Work Experience: 1.4
- Average GMAT Quantitative %: 89%
- Acceptance Rate: 6%

**Class of 2018**
- Class Size: 16
- Average Years of Work Experience: 1.0
- Average GMAT Quantitative %: 81%
- Acceptance Rate: 8%

For more information on accessing our **MS talent pool**, please contact:

**Amber Deister**
Associate Director,
MS Career Management
Career Management Center
amber.deister@gsb.columbia.edu
+1 212-851-7523

For more information on accessing our **MBA or experienced-level talent pool**, please contact:

**Katie Hudson**
Associate Director,
Business Development
Career Management Center
kh2827@gsb.columbia.edu
+1 212-851-7523

Recruiting MS Students

**Job Postings**
Post full-time, internship, and experienced-level opportunities at www.gsb.columbia.edu/jobpost.

**Résumé Compilations**
Résumés from each of the MS programs are available upon request from Amber Deister (amber.deister@gsb.columbia.edu).

**STEM-Eligible Degree Programs**
International students on an F-1 visa who complete a qualifying STEM degree in the US are eligible for up to 3 years of work authorization under optional practical training (OPT), through a 24-month STEM extension of their initial 12-month OPT period.

**The CMC**
Columbia Business School’s Career Management Center (CMC) provides a number of ways for companies to strategically source talent for analyst level to C-suite opportunities within your organization. For more information on recruiting at Columbia Business School, visit www.gsb.columbia.edu/recruiters.

Contact