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 prior experience.

Financial Economics

The Master of Science in Financial Economics is a two-year STEM-eligible program that offers rigorous PhD and MBA level coursework designed to address the needs of the quantitative finance industry. 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 August 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
- Machine Learning
- Microeconomics

Class Size

<table>
<thead>
<tr>
<th>Class of 2020</th>
<th>Class of 2021</th>
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</thead>
<tbody>
<tr>
<td>20</td>
<td>17</td>
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</tbody>
</table>

Average Years of Work Experience

- 1.1
- 1.84

Average GRE Quantitative %

- 96%
- 94%

Acceptance Rate

- 7%
- 8%

Accounting and Fundamental Analysis

The 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 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.

Skills Acquired

- Fundamental Analysis
- Microeconomics
- Statistics
- Valuation

Class Size

<table>
<thead>
<tr>
<th>Class of 2020</th>
<th>Class of 2021</th>
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</thead>
<tbody>
<tr>
<td>16</td>
<td>25</td>
</tr>
</tbody>
</table>

Average Years of Work Experience

- 0.4
- 1.54

Average GMAT Quantitative

- 97%
- 92%

Acceptance Rate

- 6%
- 10%
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></th>
<th>CLASS OF 2019</th>
<th>CLASS OF 2020</th>
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</thead>
<tbody>
<tr>
<td>Class Size</td>
<td>15</td>
<td>19</td>
</tr>
<tr>
<td>Average Years of Work Experience*</td>
<td>1.2</td>
<td>1.1</td>
</tr>
<tr>
<td>Average GMAT Quantitative</td>
<td>89%</td>
<td>88%</td>
</tr>
<tr>
<td>Acceptance Rate</td>
<td>6%</td>
<td>6.5%</td>
</tr>
</tbody>
</table>

*Number of years of pre-MS, professional work experience

### 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 Analyst
- Data Strategist
- Data Scientist
- Digital Media Analyst
- Business Analyst

- Research Analyst, Marketing Sciences
- Customer Analytics Specialist
- Social Media Data Analyst
- Consultant
- Business Development Manager

### Skills Acquired

- Analytics
- Marketing Research
- Strategic Consumer Insights

- Marketing Models
- Multivariate Statistics

### Marketing Science

- **Class Size:** 15
- **Average Years of Work Experience:** 1.2
- **Average GMAT Quantitative:** 89%
- **Acceptance Rate:** 6%

### Contact

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

**Sandra Baum**  
Associate Director,  
MS Career Management  
Career Management Center  
sb3224@gsb.columbia.edu  
+1 212-851-7523

**Katie Hudson**  
Senior Associate Director,  
Business Development  
Career Management Center  
kh2827@gsb.columbia.edu  
+1 212-854-8687

**Recruiting MS Students**

**Job Postings**


**Résumé Compilations**

Request MS candidate résumés from Sandra Baum (sb3224@gsb.columbia.edu) or Katie Hudson (kh2827@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 three years of work authorization under Optional Practical Training (OPT), through a 24-month STEM extension of their initial 12-month OPT period.

**On-Campus Recruiting**

The experienced staff at the Career Management Center is happy to facilitate a seamless in-person recruiting experience for employers seeking to interview Master of Science talent on campus. Please e-mail Sandra Baum (sb3224@gsb.columbia.edu) with your request.

**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](http://www.gsb.columbia.edu/recruiters).