

# QUANTITATIVE MANAGEMENT (MS)

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## Program Description

NYU Stern's online MS in Quantitative Management (MSQM) offers high-potential working professionals the opportunity to become data literate managers and leaders. The program delivers a comprehensive business foundation with emphasis on the data-driven analytical skills that are rapidly becoming a requirement for anyone who wants to launch or advance their business career, with online flexibility with best-in-class instructional design.

The MSQM program is open to applicants with any undergraduate major and varying levels and types of professional experience. For some individuals, the MS in Quantitative Management serves as an MBA alternative. For those who want but are not ready to pursue an MBA, this online business degree offers a possible path into Stern's top-ranked Langone Part-time MBA program. For everyone, the online MSQM presents the possibility of obtaining a high-value degree while continuing to work.

Students complete 22 courses in 20 months, one at a time in lockstep with their cohort. The curriculum comprises MBA core courses and analytics courses taught by the same Stern faculty who teach on campus. During two short residential immersions on campus, students complement their online learning with intensive coursework, community building and career workshops, alumni panels, and an opportunity to network.

As alumni, MSQM graduates join NYU Stern's global alumni network, gaining access to more than 110,000 alumni across industries in 138 countries. MSQM students who have not completed the degree and wish to further their education with an MBA are eligible to apply to transfer to Stern's Langone Part-time MBA program and use the credits they have earned online toward their MBA degree.

## Admissions

### Overview

NYU Stern evaluates each MSQM candidate holistically. The Admissions Committee seeks students who demonstrate strong intellectual ability, superior interpersonal skills, and a desire to create value for business and society.

#### Step 1: Complete Your Application

Submit an application that has met all of the application requirements (<https://www.stern.nyu.edu/programs-admissions/masters-programs/online-ms-quantitative-management/admissions/application-requirements/>).

#### Step 2: Admissions Committee Review

The Admissions Committee will complete a review of your application materials and reach out if there are any missing items.

#### Step 3: Initial Notification

You will receive one of the following decisions via email by the guaranteed initial notification date after you submit a complete application: interview invitation, waitlist offer, or denial of admission.

#### Step 4: Interview

Select candidates may be invited for a 20-minute virtual interview with a member of the Admissions Committee. Interviews are conducted via Zoom and are a requirement prior to being admitted to the program.

#### Step 5: Final Decision

Upon completion of an interview, the Admissions Committee will review your application and make a final decision. You will receive one of the following final decisions via email 2-4 weeks after completion of your interview: offer of admission, waitlist offer, or denial of admission.

The Admissions Committee accepts applications and issues notifications on a rolling basis throughout the year and advises you to begin the admissions process as soon as you are ready.

*The team looks forward to reviewing your application!*

## Requirements

Thank you for your interest in the NYU Stern MSQM program. We look forward to receiving your application! As part of the admissions process, all candidates must submit the materials listed below.

### Formal Application

- Program Information
- Personal Information
- Academic Background
- Standardized Tests (GRE, GMAT, or GMAC Executive Assessment Score or Test Score Supplemental Essay; TOEFL, IELTS, iTEP, or Duolingo score, if required)
- Professional Background
- Activities and Achievements
- Essays
- Transcripts
- Acknowledgments
- Letters of Recommendation

**Completed** online application form (<https://www.stern.nyu.edu/programs-admissions/masters-programs/online-ms-quantitative-management/>)

*The online application form will require you to select the program and provide basic information about yourself. It will provide you with the ability to upload the additional materials listed below.*

### Unofficial transcripts

*Students entering the MSQM program are required to hold a four-year bachelor's degree from an accredited college or university in the U.S. or an equivalent degree from a foreign country. Please upload transcripts (and English translation if applicable) from all undergraduate and graduate institutions from which you have received a degree.*

There are two options for submitting an unofficial transcript via the online application:

- Upload a scanned copy.
- Complete and upload the Self-Reported Transcript Form (<https://web-docs.stern.nyu.edu/admissions/self-reported-transcript-form.pdf>). (Download Adobe Acrobat Reader (<https://get.adobe.com/reader/>) to view this form.)

### GMAT, GRE, or GMAC Executive Assessment scores (optional)

*While the GMAT, GRE, or GMAC Executive Assessment exams are optional for the MSQM program, we encourage applicants to submit scores if they*

*believe it will strengthen their applications or their academic and professional records do not provide sufficient evidence of their quantitative, verbal, and reasoning abilities.*

If you will not be submitting a test score, please provide a supplemental essay in which you explain how your academic and professional experience provide evidence of your quantitative, verbal, and reasoning abilities. Please be sure to include at least one specific example for each of the three abilities listed above.

**Unsure if you should submit a test score?** Click here (<https://www.stern.nyu.edu/programs-admissions/masters-programs/online-ms-quantitative-management/admissions/admissions-policies/>).

#### **TOEFL, IELTS, iTEP, or Duolingo scores (if required)**

*Mastery of English is required for NYU Stern programs. If your native language is not English, you must demonstrate your level of proficiency in English by taking a standardized test. Please review our English Proficiency requirements (<https://www.stern.nyu.edu/programs-admissions/masters-programs/online-ms-quantitative-management/international-applicants/>) for more details.*

#### **Essays**

Stern essay questions give you the opportunity to present yourself more fully to the Admissions Committee. Essays must be typed, double-spaced, and use a 12-point font. While there is no minimum length, each essay should be a maximum of two pages and thoroughly answer the questions below:

#### **Essay 1 (Required for all)**

- Describe your personal and professional goals and how they align with your decision to pursue the MSQM program.
- How have your background and experiences prepared you for success in this program?
- Why do you feel that you are an ideal fit for the NYU Stern MSQM?

#### **Essay 2 (Required for those who do not submit a GRE, GMAT, or GMAC Executive Assessment score)**

*Please describe how your academic background and professional experience provide evidence of your quantitative, verbal, and reasoning abilities. Be sure to include at least one specific example for each ability.*

#### **Current resume**

*Please provide us with an up-to-date resume that includes your education and employment history. Post-college work experience is not required to apply. If you do not have post-college work experience, please include information on any internships and part-time employment in your resume and provide thorough answers to the application questions about activities and achievements.*

#### **Two letters of recommendation (academic or professional)**

*We strongly recommend that at least one of your recommendations is professional, ideally from your current or direct supervisor. If you are not currently employed, please use your most recent direct supervisor.*

#### **Application fee: \$100 (non-refundable)**

*Prior to submitting your online application, you will be prompted to pay the non-refundable application fee. The application fee must be paid online by credit card when you submit your application. Your application is not complete until we receive payment of the application fee. The application fee is non-refundable and may not be applied toward any future applications at NYU Stern or other NYU programs.*

## **Application Policies**

*Applications are reviewed and admissions decisions are given on an ongoing basis throughout the admissions cycle. The Admissions Committee recommends submitting your application earlier in the cycle as admission becomes more competitive throughout the year.*

#### **Additional Submissions by Waitlisted Applicants**

The Admissions Committee reserves the right to make final decisions on waitlisted applications prior to receiving additional information. Materials received after a final decision will not affect that decision.

#### **Application Fee Waivers**

U.S. military members and U.S. veterans who have served active duty and Teach for America and Teach for India program alumni are eligible for application fee waivers. Just prior to submitting your application, email your request for an application fee waiver to [onlinemsqm@stern.nyu.edu](mailto:onlinemsqm@stern.nyu.edu) and include documentation of service.

If you are experiencing economic challenges and would like to request an application fee waiver, please email [onlinemsqm@stern.nyu.edu](mailto:onlinemsqm@stern.nyu.edu). Requests should include a detailed rationale for the application fee waiver and will be considered by the Admissions Committee on a case-by-case basis.

Once an application fee is paid by an applicant, it is non-refundable and non-transferrable. If you wish to request a waiver, please be sure to contact [onlinemsqm@stern.nyu.edu](mailto:onlinemsqm@stern.nyu.edu) prior to paying your application fee.

#### **GMAT, GRE and GMAC Executive Assessment**

Scores are valid for five years from the date that you took the test and must be valid at the time that you submit your application. You are responsible for including your test score on the online application and ensuring that Pearson VUE or ETS is able to release and send your official score report to NYU Stern.

**Stern's GMAT and GMAC Executive Assessment reporting code is 5TF-HW-27.**

**Stern's GRE reporting code is 4469.**

While an official test score is required for a final decision, the Admissions Committee can begin the review of your application with an unofficial test score.

If you plan to retake the GMAT, GRE, or GMAC Executive Assessment after applying, you must inform the Admissions Committee of the date you intend to take the test in the optional essay or via email to [onlinemsqm@stern.nyu.edu](mailto:onlinemsqm@stern.nyu.edu). The Admissions Committee will proceed with the evaluation of your application using your submitted score and may issue a decision prior to receiving additional test scores.

NYU Stern has no minimum GMAT, GRE, or GMAC Executive Assessment score requirement. For applicants who took the test more than once, the Admissions Committee considers only the test with the highest total score.

#### **Applying Prior to Completing your Undergraduate Degree**

If you submit your application prior to the conferral of your bachelor's degree or equivalent, the Admissions Committee will accept and evaluate your application. This will not delay the evaluation of your application. If an offer of admission is made, it will be contingent upon graduating

from your undergraduate program prior to the first day of class. An undergraduate degree is required to enroll in the MSQM program.

### Official Transcript Requirement for Enrollment

Admitted students are required to provide an official copy of academic transcripts with proof of conferral for all degrees earned prior to enrollment. Instructions are communicated upon admission.

Do not send official transcripts to NYU Stern unless instructed to do so. Please take care to record your grades accurately. The Admissions Committee reserves the right to withdraw an offer of admission at any time, prior to or after enrolling, if there is any discrepancy between the scanned/self-reported transcript and the official transcript.

### Interview Policy

MSQM Interviews are by invitation only and are not required of every candidate. Select candidates may be invited for a 20-minute virtual interview with a member of the Admissions Committee. If invited for an interview, it is a required step in the process. An invitation to interview signals that your application has reached an advanced stage of consideration, but it does not guarantee admission.

Interviews will be conducted virtually and will be scheduled in Eastern time. Please adjust your calendar to reflect the correct time if you are located outside of the Eastern Time Zone.

Those invited to interview will be asked to respond to the interview request in a timely manner with availability. If you have not responded within two weeks of receiving the invitation, the admission committee will move forward in making a decision about your application.

Once scheduled, you are required to attend your interview. If you miss your interview or are more than 10 minutes late, your appointment will be canceled and you will not have the opportunity to reschedule.

### Change of Information

If anything changes during the application process (name, address, contact, employment, citizenship status), it is your responsibility to notify the admissions committee and provide necessary documentation. If you fail to update your information you may miss key information, which could jeopardize your admission and/or place in the class. You may update your information within the application portal or notify us by email at [onlinemsqm@stern.nyu.edu](mailto:onlinemsqm@stern.nyu.edu).

NYU Stern is not responsible for any technological issues (including email filters, etc.) that prevent applicants from receiving official communications.

### Deferred Admission/Leave of Absence

NYU Stern does not grant admission deferrals. If you are admitted and decide not to enroll, you may re-apply for a future term. Leaves of absence are not granted to students who find that they cannot begin the program in the semester for which they were admitted or who cannot successfully complete one course in that first semester.

### Enrollment Deposits

After admission, a non-refundable enrollment \$750 deposit is required to secure your place in NYU Stern's MSQM program. The deposit is due within two weeks of notification of an offer of admission.

### Final Decisions

The Admissions Committee reserves the right to make an admission decision at any point in the process even if the application is not complete or is missing components or does not meet eligibility requirements. All admission decisions are final.

If any materials were found to be forged, falsified, or intentionally misrepresentative, your offer will be revoked.

### Re-Application and Applying to Multiple Programs within the Same Admissions Cycle

You may have only one active application for a program at NYU Stern within the 2021-22 admissions cycle (entering Spring, Summer, and Fall terms for 2022). If you are not offered admission to the MSQM or withdraw your application, you may request to re-apply to the same program with a different start date or you may request to apply to a different program. Requests must be sent to [onlinemsqm@stern.nyu.edu](mailto:onlinemsqm@stern.nyu.edu) and your request must be approved before you begin your new application.

### Immunizations

New York State requires that all students have the necessary immunizations (<https://www.nyu.edu/about/policies-guidelines-compliance/policies-and-guidelines/student-immunization-policy.html>) to ensure your well-being and the vitality of the NYU community.

## Program Requirements

The program requires the completion of 33 credits, comprised of the following:

Course	Title	Credits
COR1-GB 2105	Communication	1.5
TECH-GB 2134	R Programming for Data	1.5
COR1-GB 1115		1.5
COR1-GB 2155	Statistical Modeling	1.5
COR1-GB 1107	Financial Accounting 1	1.5
COR1-GB 2107	Financial Accounting 2	1.5
COR1-GB 1113	Microeconomics	1.5
COR1-GB 2113	The Global Economy	1.5
TECH-GB 2146	Databases for Business Analytics	1.5
TECH-GB 3136	Data Science and Predictive Analytics	1.5
COR1-GB 2115	Foundations of Finance	1.5
FINC-GB 2102	Corporate Finance	1.5
COR2-GB 3101	Professional Responsibility	1.5
MGMT-GB 2159	Collaboration, Conflict, and Negotiation	1.5
INTA-GB 2180	FinTech	1.5
COR1-GB 1102	Leadership	1.5
COR1-GB 2114	Operations	1.5
OPMG-GB 2150	Decision Models & Analytics	1.5
COR1-GB 2110	Marketing	1.5
MKTG-GB 3135		1.5
COR1-GB 1101	Business Strategy	1.5
COR1-GB 2111	Corporate Strategy	1.5
<b>Total Credits</b>		<b>33</b>

## Sample Plan of Study

Course	Title	Credits
<b>1st Semester/Term</b>		
COR1-GB 2105	Communication	1.5
TECH-GB 2134	R Programming for Data	1.5
COR1-GB 1155	Probability & Statistics	1.5
COR1-GB 2155	Statistical Modeling	1.5
COR1-GB 1113	Microeconomics	1.5
<b>Credits</b>		<b>7.5</b>
<b>2nd Semester/Term</b>		
COR1-GB 2113	The Global Economy	1.5
COR1-GB 1107	Financial Accounting 1	1.5
COR1-GB 2107	Financial Accounting 2	1.5
COR1-GB 1102	Leadership	1.5
<b>Credits</b>		<b>6</b>
<b>3rd Semester/Term</b>		
TECH-GB 2146	Databases for Business Analytics	1.5
COR1-GB 2115	Foundations of Finance	1.5
FINC-GB 2102	Corporate Finance	1.5
MGMT-GB 2159	Collaboration, Conflict, and Negotiation	1.5
<b>Credits</b>		<b>6</b>
<b>4th Semester/Term</b>		
COR2-GB 3101	Professional Responsibility	1.5
COR1-GB 2110	Marketing	1.5
MKTG-GB 2137	Customer Insights	1.5
TECH-GB 3136	Data Science and Predictive Analytics	1.5
TECH-GB 3106	Data Visualization	1.5
<b>Credits</b>		<b>7.5</b>
<b>5th Semester/Term</b>		
COR1-GB 2114	Operations	1.5
OPMG-GB 2150	Decision Models & Analytics	1.5
COR1-GB 1101	Business Strategy	1.5
COR1-GB 2111	Corporate Strategy	1.5
<b>Credits</b>		<b>6</b>
<b>Total Credits</b>		<b>33</b>

## Learning Outcomes

Upon successful completion of the program, graduates will:

1. Be able to gain essential business skills and knowledge.
2. Be skilled in analyzing data for use in making key business decisions.
3. Develop strong quantitative skills in the areas of analytics and finance.

## Policies

### NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

### Stern Policies

Additional academic policies can be found on the Stern Graduate Academic Policies page (<https://bulletins.nyu.edu/graduate/business/academic-policies/>).