

**Fall 2020 Course Offerings by site**

**NYU Abu Dhabi (fall 2020 course offering not available yet)**

**NYU London**

MATH-UA 9140 Linear Algebra	4 credits	Math core
MATH-UA 9233 Theory of Probability	4 credits	Math core
MATH-UH 1020 Multivariable Calculus with Application to Science and Engineering	4 credits	Need to be evaluated

**NYU Paris**

MATH-UA 9140 Linear Algebra	4 credits	Math core
MATH-UA 9235 Probability and Statistics	4 credits	Math core
MATH-UA 9324 Analysis I	4 credits	Need to be evaluated
MATH-UA 9269 Ordinary Differential Equations	4 credits	Math core

**Spring 2021 Course Offerings by site:**

**NYU Abu Dhabi (spring 2021 course offering not available yet)**

**NYU London**

MATH-UA 9140 Linear Algebra	4 credits	Math core
MATH-UA 9235 Probability and Statistics	4 credits	Math core

**NYU Paris**

MATH-UA 9140 Linear Algebra	4 credits	Math core
MATH-UA 9282 Functions of a Complex Variable	4 credits	Math core
MATH-UA 9325 Analysis I	4 credits	Need to be evaluated
MATH-UA 9233 Theory of Probability	4 credits	Math core
MATH-UA 9396 Special Topics II: Linear and Nonlinear Optimization	4 credits	Need to be evaluated

**Sample 4-year Plan for Study Away in Sophomore Spring Semester ([Create your own 4-year plan](#))**

Year 1

Fall Semester: Shanghai

Global Perspectives on Society	Honors Calculus	Honors Linear Algebra I	English, Chinese, Core or General Elective
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Spring Semester: Shanghai

Writing as Inquiry	Honors Analysis I	Honors Linear Algebra II	English, Chinese, Core or General Elective
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Year 2

Fall Semester: Shanghai

Perspectives on the Humanities	Honors Analysis II	Honors Ordinary Differential Equations	Core, General Elective, or Chinese
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Spring Semester: Paris

Required Language Course	Functions of a Complex Variable	Math elective	
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Year 3

Fall Semester: New York

	Partial Differential Equations	Numerical Analysis	Core
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Spring Semester: Shanghai

	Honors Theory of Probability		Chinese, Core or General Elective
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Year 4

Fall Semester: Shanghai

	Honors Algebra		
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Spring Semester: Shanghai

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**Sample 4-year Plan for Study Away in Junior Fall Semester ([Create your own 4-year plan](#))**

Year 1

Fall Semester: Shanghai

Global Perspectives on Society	Honors Calculus	Honors Linear Algebra I	English, Chinese, Core or General Elective
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Spring Semester: Shanghai

Writing as Inquiry	Honors Analysis I	Honors Linear Algebra II	English, Chinese, Core or General Elective
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Year 2

Fall Semester: Shanghai

Perspectives on the Humanities	Honors Analysis II	Honors Ordinary Differential Equations	Core, General Elective, or Chinese
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Spring Semester: Shanghai

Core Class	Honors Theory of Probability		Core, General Elective, or Chinese
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Year 3

Fall Semester: New York

	Functions of a Complex Variable		
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Spring Semester: New York

	Partial Differential Equations	Numerical Analysis	
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Year 4

Fall Semester: Shanghai

	Intro to Stochastic Processes		
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Spring Semester: Shanghai

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## Considerations:

- Before studying away, students should complete *Calculus, Multivariable Calculus, Linear Algebra, Probability and Statistics* or *Theory of Probability*, and *Functions of Complex Variables* before studying abroad. Students ideally complete *(Honors) Analysis I* and *Ordinary Differential Equations* before studying in New York.
- Students planning to study away for two semesters are strongly encouraged to spend the first semester in a location other than New York. Applicants who spend the first semester away in another location will receive priority consideration for New York in their second semester away.
- Students who elect to spend spring of their junior year in New York (versus fall of the junior year) will have more earned credit points, which will enable them to have an earlier registration time and have a better chance of enrolling in high-demand courses.
- It is possible to study away at a global location and take no courses that count towards the major while staying on track for graduation.
- Students who wish to be part of the Washington DC Leadership Program ideally plan to apply for junior fall.
- Students who wish to spend two semesters in New York will need to submit a proposal for the second semester demonstrating a compelling academic rationale.
- Students who plan to study in New York, should consider the following:
  - Students should anticipate registering for Mathematics courses at Courant in the College of Arts and Science (CAS).
  - Students will be limited to 2 Mathematics courses the first week of registration.
  - Students may begin registering for approved CAS Mathematics courses the first week of registration when their assigned registration window opens.
  - Students who completed (Honors) Analysis I with a grade of A- or higher may be eligible for ONE graduate-level course at Courant. Registration will require permission of the NYUSH Mathematics area head and the Director of Undergraduate Studies of the NYUNY Mathematics department. Students may check for [additional course requirements](#) and will have to complete a [registration request form](#).
  - Each semester, there are many courses taught in New York that often close to students who are not matriculated majors in the course's sponsoring department; this means they often fill with matriculated NY majors before the majority of students, including students from NYUAD and NYUSH, register. However, a number of these courses are also offered at other global locations, where they are generally open to all students.
  - NYU New York maintains a [campus-wide list](#) covering these courses, along with alternative locations, for the benefit of NYUAD and NYUSH students. All students should consult this list before selecting a study away location and

should not include any listed course in their study plans for a semester away in New York.