

# Baruch COLLEGE

## BA IN STATISTICS

**42** Pathways Credits

**9** Pre-Weissman Credits

**15** Program Pre-Requisite Credits

**24** Major Credits

**30** Elective Credits

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Statistics major. Use the Degree Map along with DegreeWorks as tools to assist you in planning your academic path to graduation. Your specific program of study could, and probably will, look different. You need to customize your Degree Map to fit your individual needs.

NOTE: A minimum 120 credits is required for the Bachelor of Arts (BA) degree. A minimum of 90 liberal arts credits is required for the BA. FYS 1000 is a requirement for the first term at Baruch College and MUST be completed in order to graduate.

**FALL**

**SPRING**

FRESHMAN

<b>ENG 2100</b> Writing I ENGLISH COMPOSITION I	3 CR
<b>MTH 2003</b> Pre-Calculus and Elements of Calculus MATH & QUANTITATIVE REASONING	3 CR
<b>Flexible Core Course</b> PATHWAYS REQUIREMENT	3 CR
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<b>Flexible Core Course</b> PATHWAYS REQUIREMENT	3 CR
<b>FYS 1000</b> First Year Seminar DEGREE REQUIREMENT	0 CR

<b>ENG 2150</b> Writing II ENGLISH COMPOSITION II	3 CR
<b>MTH 2205</b> Applied Calculus II ELECTIVE REQUIREMENT	3 CR
<b>Foreign Language I</b> 1st Semester of Foreign Language PRE-WEISSMAN REQUIREMENT	3 CR
<b>BUS 1011</b> Business Fundamentals ELECTIVE REQUIREMENT	3 CR
<b>Flexible Core Course</b> PATHWAYS REQUIREMENT	3 CR

15 FALL CREDITS + 15 SPRING CREDITS = 30 CREDITS

**FALL**

**SPRING**

SOPHOMORE

<b>CIS 2200</b> Intro to Information Systems & Tech PROGRAM PRE-REQUISITE REQUIREMENT	3 CR
<b>PSY 2100</b> Statistics for Social Science PROGRAM PRE-REQUISITE REQUIREMENT	3 CR
<b>Foreign Language II</b> 2nd Semester of Foreign Language PRE-WEISSMAN REQUIREMENT	3 CR
<b>Life and Physical Sciences</b> Natural Sciences Lab Course PATHWAYS REQUIREMENT	3 CR
<b>Scientific World</b> Natural Sciences Lecture Course PATHWAYS REQUIREMENT	3 CR

<b>MTH 3006</b> Integral Calculus PROGRAM PRE-REQUISITE REQUIREMENT	4 CR
<b>Flexible Core Course</b> PATHWAYS REQUIREMENT	3 CR
<b>STA 3551</b> Theory of Statistics I MAJOR REQUIREMENT	3 CR
<b>Major Elective</b> MAJOR REQUIREMENT	3 CR
<b>COM 1010</b> Speech Communication PRE-WEISSMAN REQUIREMENT	3 CR

30 PRIOR CREDITS + 15 FALL CREDITS + 16 SPRING CREDITS = 61 CREDITS

\*Free Electives can be any business, liberal arts, or public affairs course

**FALL**

**SPRING**

JUNIOR

<b>Liberal Arts Minor Course</b> College Option Course #4 PATHWAYS REQUIREMENT	3 CR
<b>Liberal Arts Elective</b> ELECTIVE REQUIREMENT	3 CR
<b>MTH 3030</b> Analytic Geometry and Calculus II PROGRAM PRE-REQUISITE REQUIREMENT	5 CR
<b>STA 4552</b> Theory of Statistics II MAJOR REQUIREMENT	3 CR
<b>Liberal Arts Elective</b> ELECTIVE REQUIREMENT	3 CR

<b>ENG 2800, CMP 2800, ENG 2850, or CMP 2850</b> Great Works of Literature I or II PATHWAYS REQUIREMENT	3 CR
<b>Major Elective</b> MAJOR REQUIREMENT	3 CR
<b>Major Elective</b> MAJOR REQUIREMENT	3 CR
<b>Liberal Arts Minor Course</b> College Option Course #3 PATHWAYS REQUIREMENT	3 CR
<b>Liberal Arts Elective</b> ELECTIVE REQUIREMENT	3 CR

61 PRIOR CREDITS + 17 FALL CREDITS + 15 SPRING CREDITS = 93 CREDITS

**FALL**

**SPRING**

SENIOR

<b>Major Elective</b> MAJOR REQUIREMENT	3 CR
<b>Liberal Arts Elective</b> ELECTIVE REQUIREMENT	3 CR
<b>Liberal Arts Minor Capstone</b> College Option Course #2 PATHWAYS REQUIREMENT	3 CR
<b>Liberal Arts Elective</b> ELECTIVE REQUIREMENT	3 CR
<b>Liberal Arts Elective</b> ELECTIVE REQUIREMENT	3 CR

<b>Major Elective</b> MAJOR REQUIREMENT	3 CR
<b>Major Elective</b> MAJOR REQUIREMENT	3 CR
<b>Liberal Arts Elective</b> ELECTIVE REQUIREMENT	3 CR
<b>Liberal Arts Elective</b> ELECTIVE REQUIREMENT	3 CR

93 PRIOR CREDITS + 15 FALL CREDITS + 12 SPRING CREDITS = 120 CREDITS

\*Free Electives can be any business, liberal arts, or public affairs course

# THINGS TO TAKE NOTE OF

## General Notes

- All Weissman School of Arts and Science majors require completion of at least 90 credits of liberal arts courses
- Your major must be at least 24 credits
- **Be sure to consult with your faculty advisor regarding specific major requirements**
- You must complete a liberal arts minor as part of the College Option requirement to graduate
- You must maintain a 2.0 Baruch GPA in order to remain in Good Academic Standing. You must also maintain a 2.0 major GPA in order to graduate
- FYS 1000 (First Year Seminar) is a required course for all students who entered as new freshmen. Transfer students are not required to take this course
- Consult with the Undergraduate Bulletin to check course descriptions for prerequisites and restrictions: <https://www.baruch.cuny.edu/bulletin/>

The following subjects are considered liberal arts and can be taken at any level to satisfy liberal arts electives:

AAS	ANT	ART	BIO	BLS	CHM	COM
CMP	ECO	ENG	ENV	FLM	FPA	HED
HIS	HSP	IDC	JRN	LACS	LIB	LIT
LTS	MSC	MTH	PHI	PHY	POL	PSY
	REL	SOC	THE	NSC	WSM	

The following courses are **not** considered liberal arts:

ART 3059	ART 5010	ART 5011	COM 4059	ECO 5010	ECO 5011
FPA 5070	FPA 5071	HED 1810	HED 2920	MSC 2061	MSC 2062
MSC 2063	MSC 2064	MSC 5050	MSC 5051	SOC 4085	SOC 4086
THE 3046	THE 3056				

## Notes about the Major

- There are three field choices in the BA Statistics major: Statistical Theory, Psychometrics, and Sociometrics. Each major field has different course requirements. **Be sure to confirm major courses with a faculty advisor prior to taking them.**
- The Department of Statistics and Computer Information Systems is located in VC 11-220.