

Baruch COLLEGE

BA IN STATISTICS

42 Pathways Credits

9 Pre-Weissman Credits

6 Program Pre-Requisite Credits

24 Major Credits

39 Elective Credits

The degree map is a suggested term-by-term sample course schedule. Use the Degree Map along with DegreeWorks as tools to assist you in planning your academic path to graduation. You should customize your Degree Map to fit your individual needs.

Career related information can be found on the last page.

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

FIRST YEAR

ENG 2100 Writing I ENGLISH COMPOSITION I	3 CR
MTH 2003 (Min. C- grade required) Pre-Calculus & Elements of Calculus MATH & QUANTITATIVE REASONING	3 CR
Flexible Core Course PATHWAYS REQUIREMENT	3 CR
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Flexible Core Course PATHWAYS REQUIREMENT	3 CR
FYS 1000 First Year Seminar DEGREE REQUIREMENT	0 CR

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

15 FALL CREDITS + 15 SPRING CREDITS = 30 CREDITS

FALL

SPRING

SOPHOMORE

CIS 2200 Intro to Information Systems & Tech ELECTIVE REQUIREMENT	3 CR
STA 2000 Business Statistics PROGRAM PRE-REQUISITE REQUIREMENT	3 CR
Foreign Language II 2 nd Semester of Foreign Language PRE-WEISSMAN REQUIREMENT	3 CR
Life and Physical Sciences Natural Sciences Lab Course PATHWAYS REQUIREMENT	3 CR
Scientific World Natural Sciences Lecture Course PATHWAYS REQUIREMENT	3 CR

Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR
Flexible Core Course PATHWAYS REQUIREMENT	3 CR
Major Elective MAJOR REQUIREMENT	3 CR
Major Elective MAJOR REQUIREMENT	3 CR
COM 1010 Speech Communication PRE-WEISSMAN REQUIREMENT	3 CR

30 PRIOR CREDITS + 15 FALL CREDITS + 15 SPRING CREDITS = 60 CREDITS

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

FALL

SPRING

JUNIOR

Liberal Art Minor Course PATHWAYS COLLEGE OPTION REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR
Major Elective MAJOR REQUIREMENT	3 CR
Major Elective MAJOR REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR

ENG 2800, CMP 2800, ENG 2850, or CMP 2850 Great Works of Literature I or II PATHWAYS COLLEGE OPTION REQUIREMENT	3 CR
Major Elective MAJOR REQUIREMENT	3 CR
Major Elective MAJOR REQUIREMENT	3 CR
Liberal Art Minor Course PATHWAYS COLLEGE OPTION REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR

60 PRIOR CREDITS + 15 FALL CREDITS + 16 SPRING CREDITS = 90 CREDITS

FALL

SPRING

SENIOR

Major Elective MAJOR REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR
Liberal Art Minor Capstone PATHWAYS COLLEGE OPTION REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR

Major Elective MAJOR REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR

90 PRIOR CREDITS + 15 FALL CREDITS + 15 SPRING CREDITS = 120 CREDITS

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

THINGS TO TAKE NOTE OF

General Notes

- **Be sure to consult with your faculty advisor regarding specific major requirements. Major courses must be approved by the faculty advisor.**
- You must complete a liberal arts minor as part of the College Option requirement to graduate

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	GLS
HED	HIS	HSP	IDC	JRN	LACS	LIB
LTS	MSC	MTH	NMA	PHI	PHY	POL
PSY	REL	SOC	THE	WSM	ALL MODERN LANGUAGES	

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

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	ART/MSC/THE Studio Elective Courses				

Notes about the Major

- The Department of Statistics and Computer Information Systems is located in VC 11-220.

Career Exploration

Statistics is the science of dealing with data collection, analysis and interpretation. Research methods, experimental design, probability, and sampling theory are the backbone of statistics. A statistician's primary tools are mathematics and computers, while science and logic underlie their thinking. Statisticians work in a variety of areas, including manufacturing, pharmaceuticals, insurance, government agencies, and consulting firms.

5 Career Options for Statistics Majors

1. Actuary
2. Clinical Trials Manager
3. Financial Analyst
4. Researcher
5. Statisticians

5 Top Skills for Statistics Majors

1. Analytical
2. Critical Thinking
3. Data Interpretation
4. Software Literacy
5. Mathematics

[Additional Career Information for Statistics Majors](#)