

Baruch COLLEGE

BBA IN STATISTICS & QUANTITATIVE MODELING

42 Pathways Credits

24 Pre-Business Credits

21 Business Base Credits

24 Major Credits

13 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 124 credits is required for the Bachelor of Business Administration (BBA) degree. **A minimum of 62 liberal arts credits is required for the BBA.** 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	ENG 2150 Writing II ENGLISH COMPOSITION II	3 CR
MTH 2003 (Min. C- Grade Required) Pre-calculus and Elements of Calculus MATH & QUANTITATIVE REASONING	3 CR	MTH 2205 Applied Calculus II PRE-BUSINESS REQUIREMENT	3 CR
Flexible Core Course PATHWAYS REQUIREMENT	3 CR	LAW 1101 Fundamentals of Business Law PRE-BUSINESS REQUIREMENT	3 CR
Flexible Core Course PATHWAYS REQUIREMENT	3 CR	BUS 1011 Business Fundamentals BUSINESS BASE REQUIREMENT	3 CR
Flexible Core Course PATHWAYS REQUIREMENT	3 CR	Flexible Core Course PATHWAYS REQUIREMENT	3 CR
FYS 1000 First Year Seminar DEGREE REQUIREMENT	0 CR		

15 FALL CREDITS + 15 SPRING CREDITS = 30 CREDITS

FALL

SPRING

SOPHOMORE

CIS 2200 Intro to Information Systems & Tech PRE-BUSINESS REQUIREMENT	3 CR	ACC 2101 Principles of Accounting PRE-BUSINESS REQUIREMENT	3 CR
COM 1010 Speech Communication PRE-BUSINESS REQUIREMENT	3 CR	ECO 1002 Macroeconomics PRE-BUSINESS REQUIREMENT	3 CR
ECO 1001 Microeconomics PRE-BUSINESS REQUIREMENT	3 CR	Liberal Art Minor Course PATHWAYS COLLEGE OPTION 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	Life and Physical Sciences Natural Sciences Lab Course PATHWAYS REQUIREMENT	3 CR
STA 2000 Business Statistics PRE-BUSINESS REQUIREMENT	3 CR	Scientific World Natural Sciences Lecture Course PATHWAYS 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
MGT 3120 Fundamentals of Management BUSINESS BASE REQUIREMENT	3 CR
ACC 2203 Managerial Accounting for Non-Accounting Majors BUSINESS BASE REQUIREMENT	3 CR
MKT 3000 Marketing Foundations BUSINESS BASE REQUIREMENT	3 CR
STA 3000 Statistical Computing MAJOR REQUIREMENT	3 CR

STA 3154 Business Statistics II MAJOR REQUIREMENT	3 CR
OPR 3450 Quantitative Decision-Making For Business I MAJOR REQUIREMENT	3 CR
Major Elective MAJOR REQUIREMENT	3 CR
Flexible Core Course PATHWAYS REQUIREMENT	3 CR
FIN 3000 Principles of Finance BUSINESS BASE REQUIREMENT	3 CR

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

FALL

SPRING

SENIOR

STA 4155 Regression & Forecasting Models for Business Applications MAJOR REQUIREMENT	3 CR
Major Elective MAJOR REQUIREMENT	3 CR
Liberal Art Minor Capstone PATHWAYS COLLEGE OPTION REQUIREMENT	3 CR
MGT 3121 Service Operations Management BUSINESS BASE REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR
Liberal Arts Elective ELECTIVE REQUIREMENT	3 CR

Major Elective MAJOR REQUIREMENT	3 CR
Major Elective MAJOR REQUIREMENT	3 CR
BPL 5100 Business Policy BUSINESS BASE REQUIREMENT	3 CR
Free Elective* ELECTIVE REQUIREMENT	3 CR
Free Elective* ELECTIVE REQUIREMENT	4 CR

90 PRIOR CREDITS + 18 FALL CREDITS + 16 SPRING CREDITS = 124 CREDITS

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

THINGS TO TAKE NOTE OF

General Notes

- o **Be sure to consult with the Zicklin website for major requirements:** <https://zicklin.baruch.cuny.edu/>
- o 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

- Other quantitative courses may be selected subject to approval of the faculty advisor. A maximum of 3 elective courses may be taken outside the Zicklin School of Business.
- OPR 3300 (Quantitative Methods for Accounting) may be substituted for OPR 3450 with the approval of a faculty advisor.

Career Exploration

Biological Sciences prepares students for careers or advanced studies in many science and health-related industries. Professionals are taught to ask questions, make observations, evaluate evidence, and solve problems common in the physical world. Students can pursue careers in health-related fields such as biological research, dentistry, veterinary medicine, and nursing but also non-health-related fields including law, journalism, and policy.

5 Career Options for STA & QM Majors

1. Actuary
2. Computer Security
3. Quantitative Trader
4. Information Technology Manager
5. Valuation & Modeling

5 Top Skills for STA & QM Majors

1. Analytical
2. Forecasting
3. Logical Thinking
4. Presentation
5. Software Literacy

[Additional Career Information for Statistics & Quantitative Modeling Majors](#)