

Baruch COLLEGE

BA IN BIOLOGICAL SCIENCES

44.5 Pathways Credits

9 Pre-Weissman Credits

16.5 Program Pre-requisite Credits

27 Major Credits

23 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 Biological Sciences 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

ENG 2100 Writing I ENGLISH COMPOSITION I	3 CR
MTH 2003 Pre-Calculus & Elements of Calculus MATH & QUANTITATIVE REASONING	3 CR
Flexible Core Course PATHWAYS 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

FRESHMAN

SPRING

ENG 2150 Writing II ENGLISH COMPOSITION II	3 CR
BIO 2010 Principles of Biology PATHWAYS REQUIREMENT	4.5 CR
COM 1010 Speech Communication PRE-WEISSMAN REQUIREMENT	3 CR
Foreign Language I 1 st Semester of Foreign Language PATHWAYS REQUIREMENT	3 CR
Flexible Core Course PATHWAYS REQUIREMENT	3 CR

15 FALL CREDITS + 16.5 SPRING CREDITS = 31.5 CREDITS

FALL

Flexible Core Course PATHWAYS REQUIREMENT	3 CR
Foreign Language II 2 nd Semester of Foreign Language PRE-WEISSMAN REQUIREMENT	3 CR
STA 2100 Statistics for Social Sciences MAJOR REQUIREMENT	3 CR
BIO 3001 Principles of Biology II PROGRAM PRE-REQUISITE REQUIREMENT	4.5 CR
CHM 2003 General Chemistry I PATHWAYS REQUIREMENT	4 CR

SOPHOMORE

SPRING

BIO 3015 Principles of Genetics MAJOR REQUIREMENT	4 CR
CHM 3001 General Chemistry II PROGRAM PRE-REQUISITE REQUIREMENT	4 CR
PHY 2003 General Physics I PROGRAM PRE-REQUISITE REQUIREMENT	4 CR
Free Elective* ELECTIVE REQUIREMENT	3 CR
Free Elective* ELECTIVE REQUIREMENT	3 CR

31.5 PRIOR CREDITS + 17.5 FALL CREDITS + 18 SPRING CREDITS = 67 CREDITS

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

FALL

SPRING

JUNIOR

Liberal Arts Minor Course 3 CR
College Option Course #4
PATHWAYS REQUIREMENT

CHM 3003 4 CR
Principles of Organic Chemistry I
PROGRAM PRE-REQUISITE REQUIREMENT

Major Elective 4 CR
MAJOR REQUIREMENT

Free Elective* 3 CR
ELECTIVE REQUIREMENT

ENG 2800, CMP 2800, 3 CR
ENG 2850, or CMP 2850
Great Works of Literature I or II
PATHWAYS REQUIREMENT

Free Elective* 3 CR
ELECTIVE REQUIREMENT

Major Elective 4 CR
MAJOR REQUIREMENT

Liberal Arts Minor Course 3 CR
College Option Course #3
PATHWAY REQUIREMENT

67 PRIOR CREDITS + 14 FALL CREDITS + 13 SPRING CREDITS = 94 CREDITS

FALL

SPRING

SENIOR

Major Elective 4 CR
MAJOR REQUIREMENT

Free Elective* 3 CR
ELECTIVE REQUIREMENT

Liberal Arts Minor Capstone 3 CR
College Option Course #2
PATHWAYS REQUIREMENT

Free Elective* 3 CR
ELECTIVE REQUIREMENT

Major Elective 4 CR
MAJOR REQUIREMENT

Free Elective* 3 CR
ELECTIVE REQUIREMENT

Major Elective 4 CR
MAJOR REQUIREMENT

Free Elective* 2 CR
ELECTIVE REQUIREMENT

94 PRIOR CREDITS + 13 FALL CREDITS + 13 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

- Electives may change for the final semester depending on the number of credits previously taken to satisfy major requirements. i.e. If a student takes a 4 credit major course, then the free elective credit is reduced
- Students with credit for MTH 2000 or MTH 2001 must complete a calculus course
- The major includes five elective courses, at least two of which must be at the 4000-level or higher, chosen from the approved list of major electives
- Interested students should contact the Department of Natural Sciences at 646 660-6250 (17 Lexington Avenue, Room 506)