

MEDGAR EVERS COLLEGE

B.S. – Biology (Option B)

42 CUNY Common/Flexible Core Credits

80 Major Credits (including Core, Electives & Concentrations if applicable)

The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major to discuss your academic plan with your advisor. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

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Semester 1

MTH 115* or MTH 138	Nature of Mathematics OR Algebra / Trigonometry	3
ENG 112	College Composition I	3
ART 100	Introduction to World Art	3
SSC 101	Culture, Society, and Social Change	3
BIO 102	Career Seminar	1

Semester 2

ENGL 150	College Composition II	3
BIO 101 or PHS 101**	Introduction to the Science of Biology OR Introduction to Physical Science	3
HIST 200	The Growth and Development of the US	3
MTH 151	Pre-Calculus	4
Foreign Language 1	Foreign Language I	3

*Please Note: MTH 115 will not prepare you for upper level mathematics courses required for your degree

**Please Note: PHS 101 will not prepare you for upper level biology courses required for your degree

FRESHMEN

**TOTAL CREDITS
TOWARD DEGREE:
29**

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Semester 3

MUS 100	Introduction to World Music	3
BIO 211	Biotechnology & Society	3
ENVS 200	Environmental Science	3
ENGL 212	World Literature: The Evolving Canon	3
Foreign Language 2	Foreign Language II	3

Semester 4

PHY 114	Basic Physics	3
CHM/L 201	General Chemistry I and Lab	4
BIO/L 201	General Biology I and Lab	4
Social & Behavioral Science College Option Course	(See advisor for additional information)	3

SOPHOMORE

**TOTAL CREDITS
TOWARD DEGREE:
58**

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Semester 5

BIO/L 202	General Biology II and Lab	4
CHM/L 202	General Chemistry II and Lab	4
PHY/L 205	Intro. Physics I and Lab	4
MTH 202	Calculus I	4

Semester 6

BIO/ L 302	Genetics and Lab	4
Open Elective	(See advisor for additional information)	3
Biology Option B Elective	(See advisor for additional information)	4
Biology Option B Elective	(See advisor for additional information)	4

JUNIOR

**TOTAL CREDITS
TOWARD DEGREE:
89**

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Semester 7

BIO/L 461	Molecular Biology and Lab	4
Biology Option B Elective	(See advisor for additional information)	4
Biology Option B Elective	(See advisor for additional information)	4
Biology Option B Elective	(See advisor for additional information)	4

Semester 8

BIO/L 491	Cell Biology and Lab	4
BIO 499	Senior Seminar	3
Biology Option B Elective	(See advisor for additional information)	4
Biology Option B Elective	(See advisor for additional information)	3
Open Elective	(See advisor for additional information)	3

SENIOR

**TOTAL CREDITS
TOWARD DEGREE:
122**