



Pathways Four-Year Plan 2013 - 2014

B.A. in Biology
Department of Biology
School of Arts and Sciences

The goal of a Four-Year Plan is to ensure that students graduate with no more than 120 credits and in four years.

- All students should speak with an academic advisor about their academic programs.
- Students are encouraged to **take Winter and Summer courses** to facilitate their progress towards graduation.
- Transfer students do not need to take all courses in the plan; they should consult with an academic advisor.

	Credits		Credits
FIRST YEAR- FALL	15	SPRING	15
English 125 ^(Required Core)	3	English 126 ^(Required Core)	3
Health Education 111 ^(College Option)	3	Flexible Core ⁺	3
Biology 201 ^(Required Core and Major Requirement)	4	Chemistry 108 and 109 ^(Flexible Core, Scientific World)	5
Math 119 and 120#	5	Biology 202 ^(Flexible Core, Scientific World)	4
SOPHOMORE- FALL	16	SPRING	14.5
Flexible Core ⁺	3	Physics 113 and 115 ¹	5
Mathematics 121 ^(Required Core and Major Requirement)	4	Chemistry 231	3
Chemistry 111 and 112	5	Chemistry 232	2
Biology 301	4	Biology Elective Course from Group 2* or Group 3**	4.5
JUNIOR- FALL	14	SPRING	16.5
Flexible Core ⁺	3	Writing 302 ^(College Option)	3
Physics 114 and 116 ²	5	Flexible Core ⁺	3
Biology 307	3	Foreign Language ^(College Option)	3
Chemistry 233	3	Free Elective	3
		Biology Elective Course from Group 2* or 3**	4.5
SENIOR- FALL	13.5	SPRING	15.5
Foreign Language ^(College Option)	3	Free Electives	11
Biology Elective Course from Group 2* or 3**	4.5	Biology Elective Course from Group 2* or 3**	4.5
Biology 486-489 (WI) ^(College Option and Major Requirement)	2		
Free Electives	4		

Students who start at York are required to take three Writing Intensive (WI) courses: two in the lower division (100-200 level) and one in the upper division (300-400 level). Transfer students should consult with an advisor about their WI requirements.

Notes

+ **Menu of courses to meet the requirements of the Flexible Core.** Students must take at least one course from each of the five areas and no more than two courses in any discipline or interdisciplinary field. ***Biology major courses satisfy 2 courses in Scientific World.***

World Cultures and Global Issues: Anthropology 101; English 200; History 100, 108, 113; Humanities 350; Political Science 202, 241; World Literature 201, 205, 207, 210, 211, 212

U.S. Diversity in its Experience: Anthropology 246; History 201, 202, 204; Humanities 250, 253; Political Science 103; Sociology 235, 289

Creative Expression: English 286; Fine Arts 104; Humanities 221, 224, 260; Music 101, 250, 253, 270; Speech 160; Theater Arts 110, 210

Individual and Society: Anthropology 205, 211; Cultural Diversity 100; Economics 102; Humanities 209, 304; Philosophy 103; Political Science 267, 268; Sociology 101

Scientific World: Anthropology 152; Astronomy 101, 102; Biology 110, 120, 130, 202, 234 & 235; Chemistry 108, 109; Geology 110, 115, 120, 121; Physics 152, HPEH 110; HPGC 102; Humanities 202; Philosophy 102; Psychology 102

Students placing out of Math 119/120 may take a Gen Ed class instead.

¹ Physics 117 can be substituted for Physics 115

² Physics 118 can be substituted for Physics 116.

* Elective Courses from Group 2 (**Organismic and Environmental Biology**) - A minimum of 7.5 credits in total must be taken to fulfill major requirements. Select 200-400 level courses from the following:

Biology 231, 308, 309, 325, 334, 403, 410, 411, and 477.

** Elective Courses from Group 3 (**Cell and Molecular Biology**) - A minimum of 7.5 credits in total must be taken to fulfill major requirements. Select 200-400 level courses from the following:

Biology 320, 412, 415, 444, 452, 465, 466, and 480; Biotech 352.

Additional free electives may be required depending on the students' choices to complete the required 120 credits to graduate.

B.A. students must complete 90 credits of liberal arts – see Bulletin.

FOR MORE INFORMATION:

Department of Biology, Academic Core Bldg., Room 4E03, (718) 262-2700