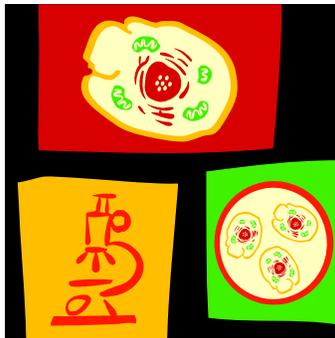




## **Department of Biology**



**Four Year Plans (2011-2012)**

**YORK COLLEGE**  
**School of Arts and Sciences**  
**Department of Biology**  
**B.S. in Biology**

Color Course Key  
 General Education  
 Major Requirement  
 Elective

**Suggested Four Year Plan, 2011-2012**

FRESHMAN – FALL	Credits 15	SPRING	Credits 15
English 125	4	History & Philosophy +	3
Physical Education 150	2	English 200	3
Biology 201	4	Chemistry 101	5
Math 119 and 120 #	5	Biology 202	4
SOPHOMORE -- FALL	16	SPRING	14.5
Behavioral Science +	3	Physics 151	5
Mathematics 121	4	Chemistry 231	3
Chemistry 102	5	Chemistry 232	2
Biology 301	4	Biology Elective Course from Group 2*	4.5
JUNIOR – FALL	14	SPRING	14.5
Behavioral Sciences +	3	Writing 302	3
Physics 152	5	Speech 101	3
Biology 307	3	Foreign Language +	4
Chemistry 233	3	Biology Elective Course from Group 3**	4.5
SENIOR – FALL	16	SPRING	15
Foreign Language +	4	Cultural Diversity 200 level	3
Cultural Diversity 101	3	Fine and Performing Arts +	3
Biology Elective Course from Group 2*	4	Biology Elective Course from Group 3**	5
Biology 486-489 (WI)	2	Free Elective(s)	4
Free Elective	3		
		<b>Total needed to graduate</b>	<b>120</b>

*The goal of a Four Year Plan is to ensure that students graduate with no more than 120 credits and in four years. Students are encouraged to **take Winter and Summer courses** to facilitate their progress towards graduation.*

## + Menu of General Education Courses from which to Choose:

Behavioral Sciences (Choose 6 credits from two disciplines outside of the major)

AAS 101 or 172  
Anthropology 101, 103  
Economics 102, 103 (101 is equivalent to 103)  
Political Science 101, 103  
Psychology 102  
Sociology 101

Fine and Performing Arts (One course from the following:)

Fine Arts 104, 150, 152, 155, 264, 381  
Music 101, 110, 225, 250, 253  
Speech Communication 160  
Theater Arts 110, 114, 211, 215, 216, 217, 218, 219

Foreign Language

Placement by Foreign Language Department, Room 3C08. Students who are exempt from the Foreign Language requirement can take Free Elective(s) up to 8 credits.

History and Philosophy (One course from the following:)

History 100, 108, 113, 201, 202, 204, 257, 275, 276  
Philosophy 102, 103, 121

Mathematics

Mathematics 121

Natural Sciences

Chemistry 101

**Students must complete:** two WI (writing intensive) courses in the lower division of the curriculum (100 or 200 level), and one WI course within the major (300 level or above) in order to graduate.

### **Biology Electives**

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

\* Elective Courses from Group 2 (**Organismic and Environmental Biology**) – Nine credits in total must be taken to fulfill major requirements - select a 200 or 300 level course from the following: Bio 231, 308, 309, 325, 334, and 403.

\*\* 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 a 200-400 level course from the following: Bio 320, 412, 415, 444, 452, 465, 466, and 480; and Biotech 352.

More than one Biology elective may be required to reach the required number of credits.

**For a B.S. students must complete 60 credits of liberal arts – see Bulletin.**

**FOR MORE INFORMATION:**

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

**YORK COLLEGE**  
**School of Arts and Sciences**  
**Department of Biology**  
**B.A. in Biology**

**Suggested Four Year Plan, 2011-2012**

<p>Color Course Key  General Education  Major Requirement  Elective</p>
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FRESHMAN – FALL	Credits 15	SPRING	Credits 15
English 125	4	History & Philosophy +	3
Physical Education 150	2	English 200	3
Biology 201	4	Chemistry 101	5
Math 119 and 120 #	5	Biology 202	4
SOPHOMORE -- FALL	16	SPRING	14.5
Behavioral Science +	3	Physics 151	5
Mathematics 121	4	Chemistry 231	3
Chemistry 102	5	Chemistry 232	2
Biology 301	4	Biology Elective Course from Group 2*	4.5
JUNIOR – FALL	14	SPRING	14.5
Behavioral Sciences +	3	Writing 302	3
Physics 152	5	Speech 101	3
Biology 307	3	Foreign Language +	4
Chemistry 233	3	Biology Elective Course from Group 3**	4.5
SENIOR – FALL	16	SPRING	15
Foreign Language +	4	Cultural Diversity 200 level	3
Cultural Diversity 101	3	Fine and Performing Arts +	3
Biology Elective Course from Group 2*	4	Biology Elective Course from Group 3**	5
Biology 486-489 (WI)	2	Free Elective(s)	4
Free Elective	3		
		<b>Total needed to graduate</b>	<b>120</b>

*The goal of a Four Year Plan is to ensure that students graduate with no more than 120 credits and in four years. Students are encouraged to take Winter and Summer courses to facilitate their progress towards graduation.*

## + Menu of General Education Courses from which to Choose:

Behavioral Sciences (One course from the following:)

AAS 101 or 172  
Anthropology 101, 103  
Economics 102, 103 (101 is equivalent to 103)  
Political Science 101, 103  
Psychology 102  
Sociology 101

Fine and Performing Arts (One course from the following:)

Fine Arts 104, 150, 152, 155, 264, 381  
Music 101, 110, 225, 250, 253  
Speech Communication 160  
Theater Arts 110, 114, 211, 215, 216, 217, 218, 219

Foreign Language

Placement by Foreign Language Department, Room 3C08. Students who are exempt from the Foreign Language requirement can take Free Elective(s) up to 8 credits.

History and Philosophy (One course from the following:)

History 100, 108, 113, 201, 202, 204, 257, 275, 276  
Philosophy 102, 103, 121

Mathematics

Mathematics 121

Natural Sciences

Chemistry 101

**Students must complete:** two WI (writing intensive) courses in the lower division of the curriculum (100 or 200 level), and one WI course within the major (300 level or above) in order to graduate.

### **Biology Electives**

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

\* Elective Courses from Group 2 (**Organismic and Environmental Biology**) - Nine credits in total must be taken to fulfill major requirements - select a 200 or 300 level course from the following: Bio 231, 308, 309, 325, 334, and 403.

\*\* 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 a 200-400 level course from the following: Bio 320, 412, 415, 444, 452, 465, 466, and 480; and Biotech 352.

More than one Biology elective may be required to reach the required number of credits.

**For a 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**

**YORK COLLEGE**  
**School of Arts and Sciences**  
**Department of Biology**  
**B.S. in Biotechnology**

**Suggested Four Year Plan, 2011-2012**

<p>Color Course Key  General Education  Major Requirement  Minor or Elective</p>
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FRESHMAN – FALL	Credits 15	SPRING	Credits 15
English 125	4	History & Philosophy +	3
Physical Education 150	2	English 200	3
Math 119 and 120 #	5	Chemistry 101	5
Biology 201	4	Biology 202	4
SOPHOMORE -- FALL	16	SPRING	14
Behavioral Sciences +	3	Foreign Language +	4
Mathematics 121	4	Chemistry 231	3
Chemistry 102	5	Chemistry 232	2
Biology 301	4	Physics 151	5
JUNIOR – FALL	15	SPRING	15
Foreign Language +	4	Cultural Diversity 101	3
Chemistry 233	3	Speech 101	3
Writing 302	3	Fine and Performing Arts +	3
Physics 152	5	Biotechnology elective*	3
		Chemistry 241	3
SENIOR – FALL	14	SPRING	16
Cultural Diversity 200 level	3	Behavioral Sciences +	4
BTEC 489 (WI)	2	BTEC 480 (WI)	5
Biotechnology elective*	3	Biotechnology elective*	4
Biology 412	3	BTEC 352	3
Free Elective(s)	3		
		<b>Total needed to graduate</b>	<b>120</b>

*The goal of a Four Year Plan is to ensure that students graduate with no more than 120 credits and in four years. Students are encouraged to **take Winter and Summer courses** to facilitate their progress towards graduation.*

## + Menu of General Education Courses from which to Choose:

Behavioral Sciences (Choose 6 credits from two disciplines outside of the major)

AAS 101 or 172  
Anthropology 101, 103  
Economics 102, 103 (101 is equivalent to 103)  
Political Science 101, 103  
Sociology 101

Fine and Performing Arts (One course from the following:)

Fine Arts 104, 150, 152, 155, 264, 381  
Music 101, 110, 225, 250, 253  
Speech Communication 160  
Theater Arts 110, 114, 211, 215, 216, 217, 218, 219

Foreign Language

Placement by Foreign Language Department, Room 3C08. Students who are exempt from the Foreign Language requirement can take Free Elective(s) up to 8 credits.

History and Philosophy (One course from the following:)

History 100, 108, 113, 201, 202, 204, 257, 275, 276  
Philosophy 102, 103, 121

Mathematics

Mathematics 121

Natural Sciences

Chemistry 101

**Students must complete:** two WI (writing intensive) courses in the lower division of the curriculum (100 or 200 level), and one WI course within the major (300 level or above) in order to graduate.

## Biotechnology Electives

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

\* Students may select a 300 or 400 level course from the following:

Biology 307, 320, 415, 444, 452, 465, 466, or BTEC 350. Students are required to complete 7.5-10 credits from this group of courses to fulfill the major requirements. Additional free electives will be required depending on the students' choices to complete the required 120 credits to graduate.

**For a B.S. students must complete 60 credits of liberal arts – see Bulletin.**

### FOR MORE INFORMATION:

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