

Course No.	Course Title	Credits	Co/Pre-reqs	Year/Semester Taken
<input type="checkbox"/> BIOL 220	General Biology I (with lab)	4	Co-Req: WRIT 101 & MATH 141; or permission of department	
<input type="checkbox"/> BIOL 222	General Biology II (with lab)	4	Pre-Req: BIOL 220 or permission of department	
<input type="checkbox"/> BIOL 240	Cellular and Molecular Biology (with lab)	4	Pre-Req: BIOL 220, BIOL 222 & CHEM 233/234, or permission of department	
<input type="checkbox"/> BIOL 234 -OR- BIOL 329	Human Physiology (with lab) -OR- Physiology (with lab)	4	Co-Req: MATH 113 or higher & WRIT 101 or WRIT 201 -OR- Pre-Req: WRIT 102 or 201, BIOL 220 & CHEM 235/236	
<input type="checkbox"/> BIOL 251	Laboratory Research Methods	2	Pre-Req: BIOL 220, MATH 141 or higher	
<input type="checkbox"/> CHEM 233	General Chemistry I	3	Co-Req: MATH 141 or 210, or exemption & CHEM 234 or permission of department	
<input type="checkbox"/> CHEM 234	General Chemistry I: Laboratory ( <i>required to take concurrently with CHEM 233</i> )	1	Co-Req: CHEM 233	
<input type="checkbox"/> CHEM 235	General Chemistry II	3	Pre-Req: CHEM 233/234 Co-req: CHEM 236 & MATH 141 or 210 or exemption	
<input type="checkbox"/> CHEM 236	General Chemistry II: Laboratory ( <i>required to take concurrently with CHEM 235</i> )	1	Co-Req: CHEM 235	
<input type="checkbox"/> MATH 224	Statistics	3	Pre-Req: MATH 141 or above or permission of Department	
<input type="checkbox"/> PHYS 201 -OR- PHYS 261	Intro to Physics I (with lab) -OR- General Physics I (with lab)	4	Pre-Req: MATH 129 -OR- Pre-Req: MATH 141 or exemption	
<input type="checkbox"/> BIOL 320	Microbiology (with lab)	4	Pre-Req: BIOL 240	
<input type="checkbox"/> BIOL/CHEM 340 -OR- CHEM 317 & 318	Introduction to Organic and Biochemistry -OR- Organic Chemistry I (with lab)	4 ---	Pre-Req: CHEM 235/236 -OR- Co-Req for CHEM 317: CHEM 318	
<input type="checkbox"/> BIOL 425	Genetics	4	Pre-Req: WRIT 102 or 201, BIOL 220, BIOL 222, BIOL 240, CHEM 317/318	
<input type="checkbox"/> BIOL 490	Senior Seminar	1	Pre-Req: BIOL 441 or BIOL 425	

**Select (1) course from the following list:**

BIOL 127 Evolution  
BIOL 136 Anatomy

CHEM/ENV 105 Chemistry & the Environment  
ENV 115 Environmental Science

<input type="checkbox"/>		3/4		
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**Notes: B.A. Biology majors are required to take MATH courses up to and including MATH 224. Depending on mathematical background, Biology majors should start at an appropriate place in the mathematics sequence. See Catalogue for more information**

**Biology Major 49-51**

**Electives (27-29 credits)**

Course No.	Course Title	Credits	Year / Semester Taken
<input type="checkbox"/>		3	
<input type="checkbox"/>		3	
<input type="checkbox"/>		3	
<input type="checkbox"/>		3	
<input type="checkbox"/>		3	
<input type="checkbox"/>		3	
<input type="checkbox"/>		3	
<input type="checkbox"/>		3	
<input type="checkbox"/>		1-3	

**Total Number of Credits Required for Graduation 120**

**DIVISION OF THE SCIENCES**  
**8 Semester Academic Plan**  
**B.A. BIOLOGY**

(Note: Courses highlighted in red/bolded should be taken in the semester indicated)

Freshman Year- Review your degree requirements; consider adding a minor			
Fall:		Spring:	
NYC Seminar (DS Course)	3	WRIT 101 Writing Seminar I or WRIT 201	3
MATH 113 (+ Recitation)	4	BIOL 222 General Biology II	4
BIOL 136 Anatomy or CHEM 115 Chemistry and the Environment	4 (3)	MATH 141 Precalculus I	3
DS Course	3	DS Course	3
DS course (if not I BIOL 136)	3	DS course	3
<b>Total</b>	<b>16(14)</b>	<b>Total</b>	<b>16</b>
Sophomore Year - Begin to explore internship or study abroad opportunities			
Fall:		Spring:	
WRIT 102 Writing Seminar II ( or elective course if WRIT 201 was taken)	3	BIOL 234 Human Physiology	4
BIOL 220 General Biology I	4	MATH 224 Statistics	3
CHEM 233 General Chemistry I & CHEM 234 General Chemistry I Lab	3	CHEM 235 General Chemistry II & CHEM 236 General Chemistry II Lab	3
Elective	1	Elective	1
	3		3
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>14</b>
Junior Year- Meet with Career Services or your Advisor to begin exploring graduate school and/or job market opportunities			
Fall:		Spring:	
BIOL 251 Laboratory Research Methods	2	BIOL 240 Cellular & Molecular Biology	4
CHEM 317 Organic Chemistry I & CHEM 318 Organic Chemistry I Lab	3.5	AIP Course	3
AIP Course	1.5	*BIOL 320 Microbiology	4
AIP Course	3	Elective	3
Elective	3	Elective/Research /Internship (if needed)	2
Elective	3		
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>16</b>
Senior Year- Review your graduation requirements; begin applying for jobs and/or graduate school			
Fall:		Spring:	
AIP Course	3	**BIOL 425 Genetics	4
AIP Course	3	BIOL 490 Senior Seminar	1
PHYS 261 General Physics I	4	Elective/	3
AIP Course	3	Elective	3
Elective	3	Elective	3
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>14</b>
<h1 style="color: #e91e63; font-family: cursive;">Important Notes:</h1> <p style="color: #0070c0; font-weight: bold;">This plan may be subject to change, due to curriculum changes, course availability or advisor modification.</p> <ul style="list-style-type: none"> <li>• *BIOL 320 is offered every other year. An AIP course should be taken in the other year.</li> <li>• **BIOL 425 is offered in alternating years. Only one is required for the B.A. degree.</li> </ul>			