

STATE UNIVERSITY OF NEW YORK
NEW PALTZ

CURRICULUM AND MAJOR REQUIREMENTS WORKSHEET

Name	Advisor
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B.S. in Biology : Cell/Molecular Biology Track (508C)

Course #	Title	Credits	Suggested Completion	Completed (check)	Approval for Subs.
Pre-Major Requirements*					
BIO201	General Biology 1	4	Year 1	<input type="checkbox"/>	_____
BIO202	General Biology 2	4	Year 1	<input type="checkbox"/>	_____
CHE201	General Chemistry 1	3	Year 1	<input type="checkbox"/>	_____
CHE211	Gen. Chemistry 1 Lab	1	Year 1	<input type="checkbox"/>	_____
CHE202	General Chemistry 2	3	Year 1	<input type="checkbox"/>	_____
CHE212	Gen. Chemistry 2 Lab	1	Year 1	<input type="checkbox"/>	_____
	Minimum MPL of 4		End Year 1	<input type="checkbox"/>	_____
	Minimum Cum. GPA of 2.5		End Year 1	<input type="checkbox"/>	_____

Required Track Courses

BIO320	Genetics	4	Year 2	<input type="checkbox"/>	_____
BIO308	Basic Molecular Biology	4	Years 2-3	<input type="checkbox"/>	_____
BIO309	Basic Cell Biology	4	Years 2-3	<input type="checkbox"/>	_____
BIO412	Evolutionary Theory	3	Years 3-4	<input type="checkbox"/>	_____

Track Elective (choose 1)

BIO311	Dev. Plant Anatomy				
BIO313	Developmental Biology	4	Years 2-4	<input type="checkbox"/>	_____
BIO350	Microbiology				

Major Electives[‡] (minimum 10 credits)

BIO____	_____	___	Years 2-4	<input type="checkbox"/>	_____
BIO____	_____	___	Years 2-4	<input type="checkbox"/>	_____
BIO____	_____ (lab)	___	Years 2-4	<input type="checkbox"/>	_____

Minimum Page 1 Credits 45

Participation in Lecture Series

6 events	Years 1-4	<input type="checkbox"/>	_____
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* General Biology 1 and 2 should be taken in sequence and are prerequisites for all Biology courses at 300-level and above.

‡ Major electives must be Biology courses at 300-level or above, including one lab course. A Maximum of 4 credits from independent projects including Research, Field Work or Independent Study can be counted towards the major.

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REQUIRED COGNATE COURSES

Course #	Title	Credits	Suggested Completion	Completed (check)	Approval for Subs.
Additional Chemistry Requirements (8 Credits)					
CHE318	Organic Chemistry 1	3	Year 2	<input type="checkbox"/>	_____
CHE306	Organic Chem. 1 Lab	1	Year 2	<input type="checkbox"/>	_____
CHE319	Organic Chemistry 2	3	Year 2	<input type="checkbox"/>	_____
CHE309	Organic Chem. 2 Lab	1	Year 2	<input type="checkbox"/>	_____
Math Requirements (11 Credits)					
MAT241	Intro Statistics	3	Years 1-2	<input type="checkbox"/>	_____
MAT251	Calculus 1	4	Years 1-2	<input type="checkbox"/>	_____
MAT252	Calculus 2	4	Years 1-2	<input type="checkbox"/>	_____
Physics Requirements (8 Credits)					
PHY201	General Physics 1	3	Years 2-3	<input type="checkbox"/>	_____
PHY211	Gen. Physics 1 Lab	1	Years 2-3	<input type="checkbox"/>	_____
PHY202	General Physics 2	3	Years 2-3	<input type="checkbox"/>	_____
PHY212	Gen. Physics 2 Lab	1	Years 2-3	<input type="checkbox"/>	_____
Total Page 2 Credits		27			
Minimum Total Credits		<u>72</u>			

Additional Considerations for Admission to Medical, Dental, and Veterinary Schools:

The requirements for these professional schools are constantly evolving and vary from institution to institution. Please contact the **Pre-Health Advisor in Academic Advising**.

Additional Considerations for Admission to Graduate Programs in Biology:

Research Experience. You should begin to explore research options during your sophomore year.

Student has completed Major requirements for B.S. in Biology: Cell/Molecular Biology Track

Academic Advisor, Department of Biology

Date

Chair or Designee, Department of Biology

Date