

COLUMBIA UNIVERSITY

IN THE CITY OF NEW YORK

DEPARTMENT OF BIOLOGICAL SCIENCES

Checklist for the Biology Major

Name: _____ | Email: _____ | Uni: _____

CC GS | Biology Advisor: _____

Semester Entered CU _____ | Estimated Graduation Date _____

You must complete one course from each of the categories below. Only grades of C- or better may count toward the major. No pass/fail grades allowed, except in semesters affected by the COVID19 pandemic or campus shutdowns, per CC and GS.

LECTURE COURSES (Each of the following courses are required):				
Course Number (e.g. BIOL UN2005)	Title of Course (e.g. Introductory Biology I)	Semester & Year (e.g. Spring 2024)	Points (e.g. 3.0)	Grade (e.g. A)
Introductory Biology I (BIOL UN2005 or UN2401)				
Introductory Biology II (BIOL UN2005 or UN2401)				
Core Lecture Course I (BIOL UN3031, UN3041, UN3022, GU4512, GU4501 or UN3300, or GU4560)				
Core Lecture Course II (BIOL UN3031, UN3041, UN3022, GU4512, GU4501 or UN3300, or GU4560)				
LAB REQUIREMENT (Check one option and fill out required information):				
Course Number	Title of Course	Semester & Year	Points	Grade
Option 1: 5 point biology lab (BIOL UN3058 or UN3052)				
Option 2: 2 semesters of BIOL UN3500 for 3 or 4 credits each semester				
Option 3: One Summer SURF program				
SURF Program			N/A	N/A
Option 4: Contemporary Biology Lab (BIOL UN2501) + Lab in Molecular Biology (BIOL UN3040) or 3 point Barnard lab (with advisor approval)				
BIOL UN2501	Contemporary Biology Lab			
ELECTIVE COURSES (Two lecture courses at 3000- or 4000-level for 3 or more points – only approved list on biology website):				
Course Number	Title of Course	Semester & Year	Points	Grade
Elective Course 1:				
Elective Course 2:				
<i>Any exceptions must be approved in advance by an Advisor and you must receive an email notification of that approval. At least 4 biology courses must be taken at Columbia. Barnard courses may not be substituted for the required Columbia courses without advance permission from the advisor.</i> <i>Please list any exceptions here and attach emails from an Advisor approving the exception with your checklist:</i>				

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CHEMISTRY COURSES (Each of the following courses are required):				
Course Number (eg. BIOL UN2005)	Title of Course	Semester & Year	Points	Grade
General Chemistry I Lecture (CHEM UN1403) OR Intensive General Chemistry Lecture (CHEM UN1604)				
General Chemistry II Lecture (CHEM UN1404)*				
CHEM UN1404	General Chemistry II			
General Chemistry Labs (CHEM UN1500-1501) OR Intensive Lab (CHEM UN1507)				
Organic Chemistry I Lecture (CHEM UN2443) OR Intensive Org. Chem I Lecture (CHEM UN2045)				
Organic Chemistry II Lecture (CHEM UN2444) OR Intensive Org. Chem II Lecture (CHEM UN2046)				
Organic Chemistry Labs (CHEM UN2495-2496) OR Intensive Lab (CHEM UN2545)				
PHYSICS COURSES:				
Course Number (eg. BIOL UN2005)	Title of Course	Semester & Year	Points	Grade
General Physics I Lecture (PHYS UN1201) OR Intro to Mechanics & Thermo (PHYS UN1401)				
General Physics II Lecture (PHYS UN1202) OR Intro to Elect/Magnetism & Optics (PHYS UN1402)				
General Physics Labs (PHYS UN1291-1292) OR Upper Level Physics Labs (PHYS UN1493-1494)				
MATH COURSES (Choose one and fill out required information:				
Course Number (eg. BIOL UN2005)	Title of Course	Semester & Year	Points	Grade
Option 1: Two semesters of Calculus				
Option 2: One semester of Calculus + One semester of Statistics				
Option 3: AP credit for Calculus + One semester of Calc II (MATH UN1102) or III (MATH UN1201) or Honors Math (MATH UN1207)				

*Not required if you took Intensive Gen. Chem.

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