POSSIBLE 4 YEAR SCHEDULES FOR POTENTIAL BIOLOGY MAJORS (UPDATED 8.20.21)

*PLEASE NOTE: These are **general** plans intended to help you discuss your individual schedule with your academic advisor. There are a number of other factors that may affect your plan, such as AP Math or AP Chemistry credit, premed/prehealth career plans, summer plans, and the quality of your high school Biology class. See the Priorities and Flexibilities lists for options.*

For student with significant exposure to biology (AP score of 5 in Biology and confident in background)

FALL SEMESTER	SPRING SEMESTER
Freshman Year:	
Biology 141L (though some students with AP still choose to take Biol141)	Biology 142 + 142L
Chemistry 150 + 150L	Chemistry 202 + 202L
Biology 240 (Column B)	Math 116
Math 111	(opt. Biology 200)
English, Language, Freshman Seminar ,or GER	English, Language, Freshman Seminar, or GER
PACE, HEALTH (total 18 credits)	
Sophomore Year:	
Chemistry 203 + 203L	Chemistry 204 + 204L (take if premed; not required for the Biology major)
200 level Biology class (eg. Biology 205, 223, 240, 241, 247, 250, or 264)	200 level Biology class
QTM 100	
Junior Year:	
Physics 141 (or 151)	Physics 142 (or 152) (take if premed; not required for Biology major)
Biology class/classes (eg. Biology 301 or 336 if premed)	Biology class/classes (eg. Biology 301 or 336 if premed)
Senior Year:	
Biology class/classes to complete **9+** Biology classes total.	Biology class/classes to complete **9+** Biology classes total.

For student with exposure to science (good high school sciences courses or AP score of 4):

FALL SEMESTER	SPRING SEMESTER
Freshman Year:	
Biology 141 + 141L	Biology 142 + 142L
Chemistry 150 + 150L	Chemistry 202 + 202L
Math 111 or English, Language, or Freshman Seminar	Math 116
PACE, HEALTH (total 15 credits)	English, Language, Freshman Seminar, or GER
Sophomore Year:	
Chemistry 203 + 203L	Chemistry 204 + 204L (take if premed; not required for the Biology major)
200 level Biology class (eg. Biology 205, 223, 240, 241, 247, 250, or 264)	200 level Biology class (eg. Biology 240)
QTM 100	
Junior Year:	
Physics 141 (or 151)	Physics 142 (or 152) (take if premed; not required for Biology major)
Biology class/classes (eg. Biology 301 or 336 if premed)	Biology class/classes (eg. Biology 301 or 336 if premed)
Senior Year:	
Biology classes to complete **9+** Biology classes total.	Biology classes to complete **9+** Biology classes total.

For student with little high school science exposure:

FALL SEMESTER	SPRING SEMESTER
Freshman Year:	
Biology or Chemistry (preferred) with lab	Biology or Chemistry with lab
Math 111	Math 116
2 classes (e.g. English, Language, Freshman Seminar, or GER)	2 classes (e.g. English, Language, Freshman Seminar, or GER)
PACE, HEALTH (total 16 credits)	

Future Semesters: **as above but also take summer science courses or double up in sciences more or, if pre-med, plan a gap year.**

Priorities

- If interested in quantitative biology and QSS major, you should complete your Math and QTM courses in your freshman or sophomore years.
- If interested in prehealth, you should start your Chemistry in your freshman year for timely exam preparation and Biochemistry pre-requisite.
- If interested in a research career, you should find a lab to volunteer or do Biol 499 after your first year and consider Biol 495 honors for your senior year.

Flexibilities

- You can take your Math and QTM courses in any year.
- You can take Biol 499-Undergraduate Research any time after your freshman year.
- If not premed, you can take chemistry (Chem 150/150L and 202/202L) after Biol 141/141L + 142/142L.
- Students planning to take summer school courses or a gap year after college have more flexibility in the scheduling of their career prerequisites.