

THIS PATHWAY HAS NOT BEEN UPDATED FOR THE 2022/2023 ACADEMIC YEAR. USE THE [22/23 COURSE CATALOG](#) TO TRACK YOUR PROGRESSION!

Biology Pre-Physician Assistant Studies

(For entering students who are not Calculus ready)

(65 Credits)

First-Year Fall

B21X / B22X* Gen Bio / Biology Experience	4
M148 Calculus with Precalculus Part I	4
FYE101 Anchor Course (Integratus FYE)	4
QR101 Quantitative Reasoning (Integratus FYE)	3

Total Major Credits	8 cr.
Total Semester Credits Recommended	15 cr.

Freshman Year Spring

B21X / B22X* Gen Bio / Biology Experience	4
B21X* Gen Bio	3
M149 Calculus with Precalculus Part II	4
E130 First Year Writing (Integratus FYE)	4

Total Major Credits	11 cr.
Total Semester Credits Recommended	15 cr.

Sophomore Year Fall

B305 Human Anatomy with Lab	4
C131 / C133 General Chemistry I & Lab	4
COM202 Communication Fundamentals or	3
COM204 Public Speaking for the Professional	
TH111 Thinking Theologically (Integratus FYE)	3
Integratus course minor	3

Total Major Credits	8 cr.
Total Semester Credits Recommended	17 cr.

Sophomore Year Fall

B313 Physiology with Lab	4
C142 / C144 General Chemistry II & Lab	4
PY111 General Psychology	3
Integratus course minor	3
Integratus course minor	3

Total Major Credits	8 cr.
Total Semester Credits Recommended	15-18 cr.

Junior Year Fall

B311 Cell Biology with Lab	3
B392 Biostatistics	3
B492 Experimental Planning	1
C321 / C323 Organic Chemistry I & Lab	4
Integratus course minor	3
Integratus course minor	3

Total Major Credits	11 cr.
Total Semester Credits Recommended	14-18 cr.

Junior Year Spring

B310 Genetics with Lab	4
C322 Organic Chemistry II & Lab	4
PY211 Developmental Psychology	3
Integratus course minor	3
Integratus course minor	3
Integratus course minor***	3

Total Major Credits	8 cr.
Total Semester Credits Recommended	15-18 cr.

Senior Year Fall

B434 Microbiology with Lab	3
P201 / P202 Introductory Physics I & Lab	4
CAP499 Capstone Integratus minor	3

Total Major Credits	6 cr.
Total Semester Credits Recommended	15-18 cr.

Senior Year Spring

B409 Biochemistry & Lab	4
B493 Biology Research & Thesis	2

Total Major Credits	6 cr.
Total Semester Credits Recommended	15-18 cr.

The template offered above is an optimal pathway to completion of the major. However, several factors affect a student's ability to follow this specific pathway, including timing of a student's decision to major, course availability, course demand, course scheduling conflicts, and faculty availability. Therefore, a student may not follow this specific pathway to completion of the major. A student may use the pathway as a resource and preparation guide, but a student's academic adviser is the best resource for planning course schedules.

Courses that are often required by Physician's Assistant Programs (consult with your adviser or the Director of Allied Health)

S110 Sociological Imagination (3)

PY220 Abnormal Psychology (4)

B306 Medical Terminology (2)

Public Speaking (3) (covered by IGEP)

Other Electives

B412 Molecular Biology & Lab (3)

*Gen Bio I (B212), Gen Bio II (B214), Gen Bio III (B216), Field Experience (B221), and Lab Experience (B223) should be taken during the first year. If not possible, then the classes must be taken within the first 1.5 years. The order in which these courses are taken will impact pre-reqs, so students may need to make adjustments to the paradigm in their sophomore and junior years accordingly.

***Fewer Integratus minor (3) courses may be needed to complete the Integratus minor. This paradigm assumes all eight courses are taken within the Integratus Minor, but in practice students may choose to take only six within the minor, fulfilling the two Math/Sci bin requirements through the science courses in their major.