

Bachelor of Science, Biology: BS + PharmD (Duquesne 3+4): 2025-2026 Catalog

Course No.	Description	Cr.
First Year		
Fall		
<input type="checkbox"/> BIOL 110	Evolution, Ecol, & Plant Biol.	4
<input type="checkbox"/> CHEM 121	Chemistry Principles I	4
<input type="checkbox"/> MATH 121	Calculus/Geom I	3
<input type="checkbox"/> WRIT 102	Research Writing (cc3)	3
<input type="checkbox"/> HIST xxx	History (cc5)	3
<input type="checkbox"/> CORE 103	Fall Comm. Enrich. Series	0
<input type="checkbox"/> BIOL 131	Biology First Year Seminar	0
Total Credits		17

Course No.	Description	Cr.
First Year		
Spring		
<input type="checkbox"/> BIOL 111	Molecules, Cells, & Anim. Phys. (cc9)	4
<input type="checkbox"/> CHEM 122	Chemistry Principles II	4
<input type="checkbox"/> STAT 205, MATH 215, or BIOL 315	Statistics (cc8)	3
<input type="checkbox"/> THEO xxx	Theology (cc2)	3
<input type="checkbox"/> CORE I	Building a Foundation (cc1)	3
<input type="checkbox"/> CORE 104	Spring Comm. Enrich. Series	0
Total Credits		17

Second Year		
Fall		
<input type="checkbox"/> BIOL 406	Vertebrate Physiology	4
<input type="checkbox"/> CHEM 221	Organic Chemistry I	4
<input type="checkbox"/> LIT xxx	Literature (cc7)	3
<input type="checkbox"/> PHIL 105/...	Philosophy (cc11)	3
<input type="checkbox"/> CORE II	Civic Resp. & Citizenship (cc4)	3
Total Credits		17

Second Year		
Spring		
<input type="checkbox"/> BIOL 211	Comp. Vertebrate Anat.	4
<input type="checkbox"/> CHEM 222	Organic Chemistry II	4
<input type="checkbox"/> PSYC 101	Intro Psychology (cc6)	3
<input type="checkbox"/> PHIL 212	Healthcare Ethics (cc13)	3
<input type="checkbox"/> FNAR/ART	Fine Arts & Creative Exp. (cc12)	3
<input type="checkbox"/> BIOL 231	Biology Sophomore Seminar	0
Total Credits		17

Third Year		
Fall		
<input type="checkbox"/> BIOL 302	General Microbiology	4
<input type="checkbox"/> PHYS 121	Gen. Physics I	4
<input type="checkbox"/> BIOL 405	Biochemistry	4
<input type="checkbox"/> ---- xxx	Language and Cultures (cc10)	3
<input type="checkbox"/> BIOL 383	Biol. Research Meth. Sem. (cc15)	2
Total Credits		17

Third Year		
Spring		
<input type="checkbox"/> BIOL 301	Genetics	4
<input type="checkbox"/> PHYS 122	Gen. Physics II	4
	or 105 Intro to Physics II	
<input type="checkbox"/> ECON 101	Economics	3
<input type="checkbox"/> BIOL 401	Cell & Molecular Biology	4
<input type="checkbox"/> xxx	CORE III (cc14)	3
Total Credits		18

103 Total Required Credits (plus first year at Duquesne School of Pharmacy)

Updated: 4/2025

****Sequence of courses may be altered with consent of advisor.*

Notes:

Statistics Requirement can be fulfilled* by:

BIOL 315 – Biostatistics (S)

MATH 215 – Introductory Statistics (F,S)

STAT 205 – Essentials of Statistics (F,S)

Pharmacy calculations (2 credits) must be completed the summer before matriculating to the Mylan School of Pharmacy

Admission: Requirements for admission and other details of the "3+4" Program in Pharmacy are described in the Affiliation Agreement between Duquesne University Mylan School of Pharmacy and Saint Francis University.

Degrees: After completing three years at Saint Francis University and a successful year at Duquesne School of Pharmacy, the student is awarded a B.S. from Saint Francis University in Biology. The conversion of the Doctor of Pharmacy degree occurs after successful completion of all coursework at Duquesne and by recommendation of the Duquesne University Mylan School of Pharmacy.