

Bachelor of Science, Biology: Salus at Drexel University, Doctor of Optometry 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"/> HIST xxx	History (cc5)	3
<input type="checkbox"/> WRIT 102	Research Writing (cc3)	3
<input type="checkbox"/> CORE 103	Fall Comm. Enrich. Series	0
<input type="checkbox"/> BIOL 131	Biology First Year Seminar	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

Summer after 2nd Year

<input type="checkbox"/> Take OAT
<input type="checkbox"/> Apply to Salus University Pennsylvania College of Optometry

Third Year Fall		
<input type="checkbox"/> BIOL 302	General Microbiology	4
<input type="checkbox"/> PHYS 104 or 121	Intro to Physics I Gen. Physics I	4
<input type="checkbox"/> BIOL 405	Biochemistry	4
<input type="checkbox"/> BIOL 383	Biol. Research Meth. Sem. (cc15)	2
<input type="checkbox"/> PMED 331	Junior Pre-Med Seminar	0
<input type="checkbox"/> ---- xxx	Language and Cultures (cc10)	3
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"/> PSYC 101	Intro Psychology (cc6)	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 Spring		
<input type="checkbox"/> BIOL 211	Comp. Vertebrate Anat.	4
<input type="checkbox"/> CHEM 222	Organic Chemistry II	4
<input type="checkbox"/> STAT 205, MATH 215, or BIOL 315	Statistics (cc8)	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 Spring		
<input type="checkbox"/> BIOL 301	Genetics	4
<input type="checkbox"/> PHYS 105 or 122	Intro to Physics II Gen. Physics II	4
<input type="checkbox"/> BIOL 401	Cell & Molecular Biology	4
<input type="checkbox"/> xxx	CORE III (cc14)	3
Total Credits		15

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

It is suggested that some courses be taken during a summer session.

Statistics Requirement can be fulfilled* by:

BIOL 315 – Biostatistics (S)
MATH 215 – Introductory Statistics (F,S)
STAT 205 – Essentials of Statistics (F,S)

Notes:

MATH 122 (taken as free elective) is required for PHYS 121

Suggested courses for gen ed electives include: PSYC 201, 302, 305, 314

In spring of second year, students appear before the Pre-medicine committee.

Prepare for OAT entrance exam during summer/early fall after second year.

Summer before/early fall of third year, application for admission to PCO at Salus University must be completed.

Phase II is completed at Salus University. After successfully completing the first year of Phase II, students must have their transcript from Salus sent to SFU to receive BS degree from SFU