

Bachelor of Science, Biology: Salus University, Doctor of Optometry 3+4: 2021-2022 Catalog

Course No.	Description	Cr.
First Year Fall		
☐ BIOL 110	Evolution, Ecol, & Plant Biol.	4
☐ CHEM 121	Chemistry Principles I	4
☐ MATH 121	Calculus/Geom I	3
☐ HIST xxx	History Elective 100-200 level	3
☐ WRIT 102	Research Writing	3
☐ CORE 103	Fall Comm. Enrich. Series	0
☐ BIOL 131	Biology Freshman Seminar	0
Total Credits		17

Second Year Fall		
☐ BIOL 406	Vertebrate Physiology	4
☐ CHEM 221	Organic Chemistry I	4
☐ LIT 104, 201, 202, 204, 207, 270	Literature	3
☐ PHIL 205	Discovering Philosophy	3
☐	Diversity Elective	3
Total Credits		17

Third Year Fall		
☐ BIOL 302	General Microbiology	4
☐ PHYS 104	Intro to Physics I	4
or 121	Gen. Physics I	
☐ BIOL 405	Biochemistry	4
☐ SOC SCI	Social Science Elective II	3
☐ LANG xxx	Foreign Lang. (102 or higher)	3
☐ BIOL 331	Biology Junior Seminar	0
☐ EXAM 301	Writing Competency	0
Total Credits		18

Course No.	Description	Cr.
First Year Spring		
☐ BIOL 111	Molecules, Cells, & Anim. Phys.	4
☐ CHEM 122	Chemistry Principles II	4
☐ PSYC 101	Intro to Psych (Soc Sci I)	3
☐ RLST 105	Franciscan Goals for Today	3
☐ CORE 113	Gen Ed 1 st Year Seminar	3
☐ CORE 104	Spring Comm. Enrich. Series	0
Total Credits		17

Second Year Spring		
☐ BIOL 211	Comp. Vertebrate Anat.	4
☐ CHEM 222	Organic Chemistry II	4
☐ Statistics	Statistics Course (see note)	3-4
☐ PHIL 312	Health Care Ethics (PHIL II req)	3
☐ FNAR xxx	Fine Arts Elective	3
☐ BIOL 231	Biology Sophomore Seminar	0
Total Credits		17-18

Third Year Spring		
☐ BIOL 301	Genetics	4
☐ PHYS 105	Intro to Physics II	4
or 122	Gen. Physics II	
☐ ECON/PLSC/PSYC/SOC	Social Science III	3
☐ BIOL 401	Cell & Molecular Biology	4
☐ CORE 407	Keystone Seminar	3
☐ BIOL 431	Biology Senior Seminar	1
Total Credits		19

***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

Total Required Credits: 103-104, plus first year at Salus University College of Optometry

Updated: 5/2021