

Bachelor of Science, Biology: B.S. + PharmD (LECOM 3+): 2023-2024 Catalog

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

Course No.	Description	Cr.	Course No.	Description	Cr.
First Year Fall			First Year Spring		
<input type="checkbox"/> BIOL 110	Evolution, Ecol, & Plant Biol	4	<input type="checkbox"/> BIOL 111	Molecules, Cells, & Anim. Phys.	4
<input type="checkbox"/> CHEM 121	Chemistry Principles I	4	<input type="checkbox"/> CHEM 122	Chemistry Principles II	4
<input type="checkbox"/> MATH 121	Calculus/Geom I	3	<input type="checkbox"/> Statistics	Statistics Course (see note)	3-4
or MATH 112	Calculus		<input type="checkbox"/> FTAE 105	Franciscan Goals for Today	3
<input type="checkbox"/> WRIT 102	Research Writing	3	<input type="checkbox"/> CORE 113	Gen Ed 1 st Year Seminar	3
<input type="checkbox"/> HIST xxx	History Elective 100-200 level	3	<input type="checkbox"/> CORE 104	Spring Comm. Enrich. Series	0
<input type="checkbox"/> CORE 103	Fall Comm. Enrich. Series	0			
<input type="checkbox"/> BIOL 131	Biology First Year Seminar	0			
Total Credits		17	Total Credits		17-18

Notes:

***If students have not already done so, they must go to the LECOM portal to register their intent to apply and the year of expected admission. They must also contact the chair of the Biology department to notify them of their intent.

Statistics Requirement can be fulfilled by:

BIOL 315 – Biostatistics (S)
 MATH 215 – Introductory Statistics (F,S)
 STAT 205 – Essentials of Statistics (F,S)
(Students are encouraged to check with relevant professional schools to verify mathematics and statistics entrance requirements).

*Economics is required and either PSYC 101 or Sociology as the second social science elective.

Second Year Fall			Second Year Spring		
<input type="checkbox"/> BIOL 406	Vertebrate Physiology	4	<input type="checkbox"/> BIOL 211	Comp. Vertebrate Anat.	4
<input type="checkbox"/> CHEM 221	Organic Chemistry I	4	<input type="checkbox"/> CHEM 222	Organic Chemistry II	4
<input type="checkbox"/> LIT 104, 201, 202, 204, 207, 270	Literature	3	<input type="checkbox"/> SOC SCI*	Social Science Elective I	3
<input type="checkbox"/> PHIL 205	Discovering Philosophy	3	<input type="checkbox"/> PHIL 312	Health Care Ethics (PHIL II req)	3
<input type="checkbox"/>	Diversity Elective	3	<input type="checkbox"/> FNAR xxx	Fine Arts Elective	3
<input type="checkbox"/>			<input type="checkbox"/> BIOL 231	Biology Sophomore Seminar	0
Total Credits		17	Total Credits		17

**In the Sophomore year, students will need to apply in January to appear before the Pre-Medicine Committee.

Third Year Fall			Third Year Spring		
<input type="checkbox"/> BIOL 302	General Microbiology	4	<input type="checkbox"/> BIOL 301	Genetics	4
<input type="checkbox"/> PHYS 104	Intro to Physics I	4	<input type="checkbox"/> PHYS 105	Intro to Physics II	4
or 121	Gen. Physics I		or 122	Gen Physics II	
<input type="checkbox"/> BIOL 405	Biochemistry	4	<input type="checkbox"/> ECON/PLSC/PSYC/SOC	Social Science III	3
<input type="checkbox"/> SOC SCI*	Social Science Elective II	3	<input type="checkbox"/> BIOL 401	Cell & Molecular Biology	4
<input type="checkbox"/> PMED 331	Junior Pre-Med Seminar	0	<input type="checkbox"/> CORE 407	Keystone Seminar	3
<input type="checkbox"/> EXAM 301	Writing Competency	0	<input type="checkbox"/> BIOL 431	Biology Senior Seminar	1
<input type="checkbox"/> LANG xxx	Foreign Lang.(102 or higher)	3			
Total Credits		18	Total Credits		19

Total Required Credits: 103-104 at SFU, plus first year of at LECOM School of Pharmacy

Updated: 5/2023