

Bachelor of Science, Biology: LECOM Medical 3+4: 2023-2024 Catalog

***Sequence of courses may be altered with consent of advisor.
Students may also want to take some gen ed courses during the summer to lighten the credit load.

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 Elective 100-200 level	3
<input type="checkbox"/> WRIT 102	Research Writing	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.	4
<input type="checkbox"/> CHEM 122	Chemistry Principles II	4
<input type="checkbox"/> SOC SCI	Social Science Elective I	3
<input type="checkbox"/> FTAE 105	Franciscan Goals for Today	3
<input type="checkbox"/> CORE 113	Gen Ed 1 st Year Seminar	3
<input type="checkbox"/> CORE 104	Spring Comm. Enrich. Series	0
Total Credits		17

Statistics Requirement can be fulfilled by:
BIOL 315 – Biostatistics (S) #
MATH 215 – Introductory Statistics (F,S)
STAT 205 – Essentials of Statistics (F,S)

Biostatistics is preferred by LECOM since all first year students are required to take it

Course No.	Description	Cr.
Second Year	Fall	
<input type="checkbox"/> BIOL 406	Vertebrate Physiology	4
<input type="checkbox"/> CHEM 221	Organic Chemistry I	4
<input type="checkbox"/> LIT 104, 201, 202, 204, 207, 270	Literature	3
<input type="checkbox"/> PHIL 205	Discovering Philosophy	3
<input type="checkbox"/>	Diversity Elective	3
Total Credits		17

Course No.	Description	Cr.
Second Year	Spring	
<input type="checkbox"/> BIOL 211	Comp. Vertebrate Anat.	4
<input type="checkbox"/> CHEM 222	Organic Chemistry II	4
<input type="checkbox"/> Statistics	Statistics Course (see note)	3-4
<input type="checkbox"/> PHIL 312	Health Care Ethics (Ethics req)	3
<input type="checkbox"/> FNAR xxx	Fine Arts Elective	3
<input type="checkbox"/> BIOL 231	Biology Sophomore Seminar	0
Total Credits		17-18

Notes:
You must have a provisional letter of acceptance in the EAP before starting your second year
You must be part of the affiliation for at least two years
Students must maintain a cumulative science GPA of ≥ 3.2 and cumulative overall GPA ≥ 3.4 at SFU for matriculation at LECOM
LECOM will only accept AP credits for the English and Behavioral Science courses, if the student scores a four or five on the AP exam
Science courses must be taken as listed at SFU

After completing first year at LECOM, student must have transcript from LECOM sent to SFU to receive BS degree from SFU

LECOM portal: <http://portal.lecom.edu>

Course No.	Description	Cr.
Third Year	Fall	
<input type="checkbox"/> BIOL 302	General Microbiology	4
<input type="checkbox"/> PHYS 104	Intro to Physics I	4
<input type="checkbox"/>	or 121 Gen. Physics I	
<input type="checkbox"/> BIOL 405	Biochemistry	4
<input type="checkbox"/> SOC SCI	Social Science Elective II	3
<input type="checkbox"/> LANG xxx	Foreign Lang. (102 or higher)	3
<input type="checkbox"/> PMED 331	Junior Pre-Med Seminar	0
<input type="checkbox"/> EXAM 301	Writing Competency	0
Total Credits		18

Course No.	Description	Cr.
Third Year	Spring	
<input type="checkbox"/> BIOL 301	Genetics	4
<input type="checkbox"/> PHYS 105	Intro to Physics II	4
<input type="checkbox"/>	or 122 Gen. Physics II	
<input type="checkbox"/> ECON/PLSC/PSYC/SOC	Social Science III	3
<input type="checkbox"/> BIOL 401	Cell & Molecular Biology	4
<input type="checkbox"/> CORE 407	Keystone Seminar	3
<input type="checkbox"/> BIOL 431	Biology Senior Seminar	0/1
Total Credits		18

Total Required Credits: 103-104

Updated: 5/2023