

BIOLOGY, BACHELOR OF SCIENCE (BS) - CONCENTRATION IN PROFESSIONAL / PRE-OSTEOPATHY (LECOM) (3+4)

Recommended Three-Year Plan

Course	Title	Hours
First Year		
Fall		
ENGL 102	Critical Writing	3
BIOL 104	Principles of Biology with Lab	4
CHEM 107	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
INDS 101	FIRST Seminar ¹	1
MATH 225	Calculus I	4
Hours		16
Spring		
Select one 200-level Core Course:		4
BIOL 201	General Botany with Lab	
BIOL 212	General Zoology with Lab	
BIOL 250	Genetics with Lab	
CHEM 108	General Chemistry II	3
CHEM 112	General Chemistry II Lab	1
ENGL 104	Critical Reading	3
SUBJ 139	University Seminar ¹	3
Creative & Aesthetic Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)		3
Hours		17
Second Year		
Fall		
Select one 200-level Core Course:		4
BIOL 201	General Botany with Lab	
BIOL 212	General Zoology with Lab	
BIOL 250	Genetics with Lab	
CHEM 201	Organic Chemistry I	3
CHEM 211	Organic Chemistry Laboratory I	1
PSYC 105	Introduction to Psychology (Recommended for Social Science Inquiry Requirement)	3
Select one of the following:		3
COMM 200	Civil Discourse: Theory & Practice	
PHIL 110	Ethics and Civil Discourse	
POLS 235	Civil Discourse and Democracy	
Humanities Inquiry (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)		3
Declare a Thematic Thread ²		
Hours		17

Spring		
Behavioral Science		3
Select one 200-level Core Course:		4
BIOL 201	General Botany with Lab	
BIOL 212	General Zoology with Lab	
BIOL 250	Genetics with Lab	
CHEM 202	Organic Chemistry II	3
CHEM 212	Organic Chemistry Laboratory II	1
Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)		3
Hours		14
Third Year		
Fall		
CHEM 335	Biochemistry I	3
BIOL 340	Vertebrate Anatomy with Lab	3
BIOL 410	Animal Physiology with Lab	3
PHYS 211	General Physics I with Lab	4
Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)		3
Hours		16
Spring		
BIOL 330	Microbiology/Lab	3
PHYS 213	General Physics III/ Lab	4
Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)		3
Thematic Thread Requirement (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)		3
Free Elective		3
Hours		16
Fourth Year		
Fall		
LECOM Osteopathic School		0
Hours		0
Spring		
LECOM Osteopathic School		0
Hours		0
Total Hours**		96

¹ Course offered in multiple subjects; cannot take course in first major subject.

² Work with your Academic Adviser to declare a Thematic Thread by the end of your fall semester in your second year. Click **here** to declare a thread.

* Students are encouraged to take INDS 101 as a Free Elective.

** This document is meant to serve as a guide. Some planners may show more than 120 credits because faculty have created flexibility in choosing courses. However, only 120 credits are required to obtain a degree. Please consult with your academic adviser and refer to your curriculum guide prior to registering for courses. This plan should be reviewed, and verified, by you and your academic adviser at least once each academic year.

Major Code: 6108
Concentration Code: 61LE
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