

BIOCHEMISTRY, B.S.

Course Sequence

NOTE: The course sequence table is designed by the major department and is one way that the classes will work out properly in sequence for your major. However, there are alternative or flexible ways to rotate some of the classes within the same year/level and sometimes between year levels. Please contact your major department advisor to discuss flexible alternatives in scheduling the sequence of your classes.

Taking coursework during the summer session may also be an option to accelerate your degree path.

See Core Curriculum Program section (<http://catalog.biola.edu/general-information/undergraduate-core-curriculum-program/>) for a list of approved Core Curriculum courses.

- Biochemistry (p. 1)
- Pre-Medical Studies (p. 1)

Biochemistry, B.S. (BCHM)

First Year		
Fall	Credits Spring	Credits
BBST 103 or 165	3 BBST 103 or 165	3
CHEM 105	4 BIOS 111	3
ENGL 100 or 112	3 BIOS 113	1
GNST 102	1 CHEM 106	4
MATH 150	4 HIST 200, 201, or POSC 225	3
PHSC 124	1 KNES 107	1
	16	15

Total Credits 31

Second Year		
Fall	Credits Spring	Credits
BBST 209 or 210	3 BBST 209 or 210	3
CHEM 301	3 BBST 251	3
CHEM 311	1 CHEM 302	3
PHSC 111 & PHSC 117 (or PHSC 132 & 134)	4 CHEM 312	1
Fine Arts (see Core Curriculum)	3 PHSC 112 & PHSC 118 (or PHSC 233 & 237)	4
	14	14

Total Credits 28

Third Year		
Fall	Credits Spring	Credits
BBST 365	3 BBST 354	3
BIOS 312	3 CHEM 380 or 402	3
CHEM 411	3 CHEM 412	3
CHEM, BIOS, MATH, or PHSC Elective (see catalog for list)	3 CHEM 413	2
CHEM, BIOS, MATH, or PHSC Elective (upper-division) (see catalog for list)	3 ENGL 313	3
Literature (see Core Curriculum)	3 Behavioral Science (see Core Curriculum)	3
Writing Competency Requirement	Graduation Petition due in Registrar's Office	
	18	17

Total Credits 35

Fourth Year		
Fall	Credits Spring	Credits
BBST 300/400 Bible Elective	3 BBST 300/400 Bible Elective	3
BIOS 332	4 BBST 465 (Christianity & Nat Sci - required)	3
CHEM 350	5 CHEM, BIOS, MATH, or PHSC Elective (see catalog for list)	4
Communication (see Core Curriculum)	3 PHSC 460	1
KNES Activity (see Core Curriculum)	1 Philosophy (see Core Curriculum)	3
	16	14

Total Credits 30

Note: If you have taken 2 years of the same language in high school, you have fulfilled your foreign language requirement. Otherwise, contact the Modern Language Department for placement test instructions.

Biochemistry, B.S. Pre-Medical Studies (BCPM)

First Year		
Fall	Credits Spring	Credits
BBST 103 or 165	3 BBST 103 or 165	3
CHEM 105	4 BIOS 111	3
ENGL 100 or 112	3 BIOS 113	1
GNST 102	1 CHEM 106	4
MATH 150	4 PSYC 200 (required)	3
PHSC 124	1 KNES 107	1
	16	15

Total Credits 31

Second Year		
Fall	Credits Spring	Credits
BBST 209 or 210	3 BBST 209 or 210	3
BIOS 112	3 BBST 251	3
BIOS 114	1 CHEM 302	3
CHEM 301	3 CHEM 312	1
CHEM 311	1 PHSC 112 & PHSC 118 (or PHSC 233 & 237)	4
HIST 200, 201, or POSC 225	3 Fine Arts (see Core Curriculum)	3
PHSC 111 & PHSC 117 (or PHSC 132 & 134)	4	
	18	17

Total Credits 35

Third Year		
Fall	Credits Spring	Credits
BBST 365	3 BBST 354	3
BIOS 312	3 BIOS 381	4
BIOS 322	1 CHEM 412	3
CHEM 411	3 CHEM 413	2
CHEM, BIOS, MATH, or PHSC Elective (upper-division) (see catalog for list)	3 ENGL 313	3
Literature (see Core Curriculum)	3 Graduation Petition due in Registrar's Office	
KNES Activity (see Core Curriculum)	1	
Writing Competency Requirement		
	17	15

Total Credits 32

Fourth Year			
Fall	Credits	Spring	Credits
BBST 300/400 Bible Elective	3	BBST 300/400 Bible Elective	3
BIOS 332	4	BBST 465 (Christianity & Nat Sci - required)	3
CHEM 350	5	CHEM, BIOS, MATH, or PHSC Elective (see catalog for list)	3
Communication (see Core Curriculum)	3	PHSC 460	1
		Philosophy (see Core Curriculum)	3
	15		13
Total Credits 28			

Note: If you have taken 2 years of the same language in high school, you have fulfilled your foreign language requirement. Otherwise, contact the Modern Language Department for placement test instructions.