

# 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 & CHEM 115 (or CHEM 107 if needed per Department)	4	BIOS 111 & BIOS 113	4
ENGL 100 or 112	3	CHEM 106 & CHEM 116	4
GNST 102	1	HIST 200, 201, or POSC 225	3
MATH 150	4	KNES 107	1
PHSC 124	1		
	16		15
Second Year			
Fall	Credits	Spring	Credits
BBST 209 or 210	3	BBST 209 or 210	3
CHEM 301 & CHEM 311	4	BBST 251	3
PHSC 111 & PHSC 117 (or PHSC 132 & 134)	4	CHEM 302 & CHEM 312	4
Fine Arts (see Core Curriculum)	3	PHSC 112 & PHSC 118 (or PHSC 233 & 237)	4
	14		14
Third Year			
Fall	Credits	Spring	Credits
BBST 365	3	BBST 354	3
BIOS 312	3	CHEM 412	3
CHEM 380 or 402	3	CHEM 413	2
CHEM 411	3	CHEM, BIOS, MATH, or PHSC Elective (upper-division; see catalog for list)	3
CHEM, BIOS, MATH, or PHSC Elective (see catalog for list)	3	ENGL 313	3
Literature (see Core Curriculum)	3	Behavioral Science (see Core Curriculum)	3
Writing Competency Requirement		Graduation Application due in Registrar's Office	
	18		17
Fourth Year			
Fall	Credits	Spring	Credits
BBST 300/400 Bible Elective	3	BBST 300/400 Bible Elective	3

BIOS 332 & BIOS 334	4	BBST 4653 (fulfills BBST 465 Integration Seminar requirement)	3
CHEM 350 & CHEM 351	4	CHEM 410	2
Communication (see Core Curriculum)	3	CHEM, BIOS, MATH, or PHSC Elective (see catalog for list)	3
KNES Activity (see Core Curriculum)	1	PHSC 460	1
		Philosophy (see Core Curriculum)	3
	15		15
Total Credits 124			

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 & CHEM 115 (or CHEM 107 if needed per Department)	4	BIOS 111 & BIOS 113	4
ENGL 100 or 112	3	CHEM 106 & CHEM 116	4
GNST 102	1	KNES 107	1
MATH 150	4	PSYC 200 (fulfills Behavioral Science Core Curriculum requirement)	3
PHSC 124	1		
	16		15
Second Year			
Fall	Credits	Spring	Credits
BBST 209 or 210	3	BBST 209 or 210	3
BIOS 112 & BIOS 114	4	BBST 251	3
CHEM 301 & CHEM 311	4	CHEM 302 & CHEM 312	4
HIST 200, 201, or POSC 225	3	PHSC 112 & PHSC 118 (or PHSC 233 & 237)	4
PHSC 111 & PHSC 117 (or PHSC 132 & 134)	4	Fine Arts (see Core Curriculum)	3
	18		17
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
KNES Activity (see Core Curriculum)	1	Graduation Application due in Registrar's Office	
Literature (see Core Curriculum)	3		
Writing Competency Requirement			
	17		15
Fourth Year			
Fall	Credits	Spring	Credits
BBST 300/400 Bible Elective	3	BBST 300/400 Bible Elective	3
BIOS 332	3	BBST 4653 (fulfills BBST 465 Integration Seminar requirement)	3
BIOS 334	1	CHEM 410	2

CHEM 350 & CHEM 351	4 CHEM, BIOS, MATH, or PHSC Elective (see catalog for list)	2
Communication (see Core Curriculum)	3 PHSC 460	1
	Philosophy (see Core Curriculum)	3
	<b>14</b>	<b>14</b>

**Total Credits 126**

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