

**Major Requirements**

Lower Division Requirements	Pre-Req	Units	Note
BIO146 General Biology I w/Lab	-	4	
BIO148 General Biology II w/Lab	-	4	Spring only
CHE115 General Chemistry I w/Lab	CHE102 or HS Chem	4	
CHE125 General Chemistry II w/Lab	CHE115	4	Spring only
MAT145 Math Methods in Natural Sciences	MAT115 or 135	4	Spring only
or MAT245 Analytical Geometry & Calculus I	MAT135 or 145		

Lower Division Physics Requirements	Pre-Req	Units	Note
Complete one of the following two-semester sequences:			
PHY114 General Physics I w/Lab	MAT145 or 245	4	Fall only (entrance exam)
PHY124 General Physics II w/Lab	PHY114	4	Spring only
PHY214 Physics for Scientists I w/Lab	MAT145 or 245	4	Fall only (entrance exam)
PHY224 Physics for Scientists II w/Lab	PHY214	4	Spring only

Upper Division Requirements	Pre-Req	Units	Note
BIO313 Genetics	BIO146	4	
BIO330 Cell & Molecular Biology w/Lab	BIO146 & 148	4	Fall only
BIO380 Biology Seminar	-	1	Spring only
BIO499 Biology Capstone	Pre or Co: BIO380	2	Fall only
CHE351 Organic Chemistry I w/Lab	CHE125	4	Fall only
CHE352 Organic Chemistry II w/Lab	CHE351	4	Spring only

Concentration Requirements	Pre-Req	Units	Note
BIO305 Microbiology w/Lab	BIO146 or 153	4	
BIO324 Developmental Biology w/Lab	BIO146	4	Fall only
BIO344 Vertebrate Physiology w/Lab	BIO148 & CHE115	4	Spring only
Complete two of the following courses: BIO316, 435, 440, 489, CHE443, 444	Classes vary	4 each	See catalog

**Total Major Units: 67**

**Upper Division Major Units: 39**

**Additional Elective Units Needed: 6**

**Upper Division Elective Units Needed: 0**

**About This Plan**

- This plan is not a contract. Curriculum can be subject to change.
- Highlighted courses and fields are major specific.
- Descriptions for all courses can be found in the CBU catalog at [insidecbu.calbaptist.edu](http://insidecbu.calbaptist.edu).
- To graduate, all students need 124 total units, 39 of which must be upper division.
- Courses numbered in the 300's and 400's are upper division.
- GST100, ENG103, and MAT095 count as elective units.
- CHE102, if needed, will count as elective units.

**General Education Requirements**

Competency Requirements	Units	Note
English Competency	3	ENG113 required
<b>Math Competency</b>	<b>3</b>	<b>MAT145 or 245 will fulfill</b>
Technology	3	CIS265 recommended
Foreign Language I	3	
Foreign Language II	3	

If you are exempt from a Competency Requirement, add those units to Additional Elective Units Needed.

Core Curriculum	Units	Note
Behavioral Science	6	
English Composition	3	ENG123 required
English or Film	3	
Communication Arts	3	
Art or Music	3	
Philosophy	3	
US History	3	
Non-US History	3	
Political Science	3	
<b>Lab Science</b>	<b>4</b>	<b>BIO330 will fulfill</b>
<b>Science or Kinesiology</b>	<b>4</b>	<b>BIO313 will fulfill</b>
Christian Studies	9	

\*Course is interdisciplinary

<b>Upper Division Requirements</b>	<b>12</b>	<b>BIO313 &amp; 330 will fulfill 8 units</b>
<b>Multicultural Requirements</b>	<b>9</b>	<b>ENG123 will fulfill 3 units</b>
<b>Interdisciplinary Requirements</b>	<b>9</b>	

**Total Required GE units: 51**

**Upper Division Required GE Units: 6**

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*Freshman Year*

*Sophomore Year*

**Fall Semester**

**Spring Semester**

**Summer Semester**

**Fall Semester**

**Spring Semester**

**Summer Semester**

BIO146 General Biology I w/Lab	4
CHE115 General Chemistry I w/Lab	4
ENG113 Composition	3
GST100 Focus	1
General Education Course (or Math Course if needed)	3
*CHE102, if needed before CHE115, will change this plan.	

BIO148 General Biology II w/Lab	4
CHE125 General Chemistry II w/Lab	4
ENG123 Intermediate Composition	3
General Education Course	3
Elective	1


BIO330 Cell & Molecular Biology w/Lab	4
CHE351 Organic Chemistry I w/Lab	4
General Education Course	3
General Education Course	3
General Education Course	3

BIO313 Genetics	4
CHE352 Organic Chemistry II w/Lab	4
MAT145 or MAT245	4
General Education Course	3
Elective	1


Total Units: 15

Total Units: 15

Total Units:   

Total Units: 17

Total Units: 16

Total Units:   

*Junior Year*

*Senior Year*

**Fall Semester**

**Spring Semester**

**Summer Semester**

**Fall Semester**

**Spring Semester**

**Summer Semester**

BIO305 Microbiology w/Lab	4
PHY114 or PHY214	4
General Education Course	3
General Education Course	3
General Education Course	3

BIO380 Biology Seminar	1
PHY124 or PHY224	4
Concentration Course	4
General Education Course	3
General Education Course	3


BIO324 Developmental Biology w/Lab	4
BIO499 Biology Capstone	2
Upper Division General Education Course	3
General Education Course	3
Elective Course (or GE if additional Math was taken)	3

BIO344 Vertebrate Physiology w/Lab	4
Concentration Course	4
Upper Division General Education Course	3
General Education Course	3


Total Units: 17

Total Units: 15

Total Units:   

Total Units: 15

Total Units: 14

Total Units:   

**Total Units: 124 (124 units required to graduate)**