

Health Science - Pre-Optometry

Major Requirements

Lower Division Requirements	Pre-Req	Units	Note
ALH101 Introduction to Allied Health Professions	-	1	
BIO173 Medical Terminology	-	3	Fall only
CHE115 General Chemistry I w/Lab	CHE102 or HS Chem	4	Fall only
CHE125 General Chemistry II w/Lab	CHE115	4	Spring only
HSC210 Ethics in Health Care	-	3	Fall only
MAT145 Math Methods in Natural Science	MAT115 or 135	4	Spring only
PSY213 General Psychology	-	3	
STA144 Introduction to Statistics	MAT115	3	

Lower Division Biology Requirements	Pre-Req	Units	Note
BIO146 General Biology I w/Lab	-	4	Fall only
BIO148 General Biology II w/Lab	-	4	Spring only

Lower Division Physics Requirements	Pre-Req	Units	Note	
Complete one of the following two semester sequences:				
PHY114 & 124 General Physics I & II w/Lab	See catalog	4 / 4	Fall only / Spring only	
PHY214 & 224 Physics for Scientists I & II w/Lab	See catalog	4/4	Fall only / Spring only	

Upper Division Requirements	Pre-Req	Units	Note
BIO305 Microbiology w/Lab	BIO146 or 153	4	Fall only
BIO313 Genetics	BIO146	4	Spring only
HSC305 Epidemiology	-	3	
or HSC310 Public Health	-	3	
HSC480 Research Methods	STA144	3	Junior/Senior status

Concentration Requirements	Pre-Req	Units	Note
ALH495 Clinical Practicum	-	3	Junior/Senior status
CHE351 Organic Chemistry I w/Lab	CHE125	4	Fall only
CHE352 Organic Chemistry II w/Lab	CHE351	4	Spring only
HSC315 Therapeutic Interventions	-	3	
MAT245 Analyitcal Geometry & Calculus I	MAT135 or 145	4	

Total Major Units:	73
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Upper Division Major Units: 28

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 www.calbaptist.edu/about/universitycatalogs.aspx.
- 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.

General Education Requirements

Competency Requirements	Units	Note
English Competency	3	ENG113 required
Math Competency	3	STA144 will fulfill
Technology	3	CIS265 recommended
Foreign Language I	3	SPA115 or CHI115 recommended
Foreign Language II	3	SPA125 or CHI125 recommended

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

Core Curriculum	Units	Note
Behavioral Science	6	PSY213 will fulfill 3 units
English Composition	3	ENG123 required
English or Film	3	
Communication Arts	3	COM113, 308, or JRN220 recommended
Art or Music	3	
Philosophy	3	
US History	3	HIS311 or 478 recommended
Non-US History	3	
Political Science	3	POL213, 223, 250, 323, 395 or 437 recommended
Lab Science	4	BIO305 will fulfill
Science or Kinesiology	4	BIO313 will fulfill
Christian Studies	9	ICS305, 375, 405 or 430 recommended

^{*}Course is interdisciplinary

Additional Elective Units Needed: _____3

Upper Division Elective Units Needed: ______7

Upper Division Requirements	12	BIO305 & 313 will fulfill 8 units
Interdisciplinary Requirements	9	
Multicultural Requirements	9	ENG123 will fulfill 3 units

Total Required GE units:	48

Upper Division Required GE Units: 4

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Cbu Health Science - Pre-Optometry

Fall Semester	Freshman Year Spring Semester	Summer Semester	Fall Semester	Sophomore Year Spring Semester	Summer Semester
ALH101 Introduction to Allied Health Professions BIO146 General Biology I w/Lab CHE115 General Chemistry I w/Lab ENG113 Composition 3	BIO148 General Biology II w/Lab CHE125 General Chemistry II w/Lab ENG123 Intermediate Composition General Education Course 3	Summer Semester	BIO173 Medical Terminology BIO305 Microbiology w/Lab HSC210 Ethics in Health Care Upper Division General Education Course 3 3	MAT145 Math Methods in Natural Science PSY213 General Psychology STA144 Introduction to Statistics General Education Course 3	Summer Semester
GST100 Focus 1 General Education Course (or Math Course if needed) 3 Caution: If additional Math is taken, an additional GE must be	General Education Course 3		General Education Course 3	General Education Course 3	
added to this plan. Total Units: 16	Total Units: 17	Total Units:	Total Units: 16	Total Units: 16	Total Units:
	Junior Year			Senior Year	
Fall Semester	Junior Year Spring Semester	Summer Semester	Fall Semester	Senior Year Spring Semester	Summer Semester
Fall Semester CHE351 Organic Chemistry I w/Lab MAT245 Analytical Geometry & Calculus I PHY114 or PHY214 (depending on choice) General Education Course 3		Summer Semester	Fall Semester ALH495 Clinical Practicum 3 HSC305 or HSC310 (depending on choice) Upper Division General Education Course Upper Division General Education Course General Education Course 3 Upper Division Elective 1		Summer Semester

Total Units: <u>124</u> (124 units required to graduate)