

Health Science - Pre-Optometry

Major Requirements

Lower Division Requirements	Pre-Req	Units	Note
ALH101 Introduction to Allied Health Professions	-	1	
BIO146 General Biology I w/Lab	-	4	Fall only
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
HSC104 Survey of US Health Care Delivery	-	3	Fall 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 Physics Requirements	Pre-Req	Uı	nits	Note
Complete one of the following two semester sequences	es:			
PHY114 & 124 General Physics I & II w/Lab	See catalo	g	4/4	Fall only / Spring only
PHY214 & 224 Physics for Scientists I & II w/Lab	See catalo	g	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		2	
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
BIO148 General Biology II w/Lab	-	4	Spring only
BIO153 Anatomy and Physiology I w/Lab	-	4	
BIO163 Anatomy and Physiology II w/Lab	-	4	
CHE351 Organic Chemistry I w/Lab	CHE125	4	Fall only
CHE352 Organic Chemistry II w/Lab	CHE351	4	Spring only
CHE443 Biochemistry I w/Lab	CHE351	4	Spring only

Total Major Units:	81

Upper Division Major Units: 29

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. MAT245 also recommended
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: 0

Upper Division Elective Units Needed: 6

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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	Freshman Year			Sophomore Year	
Fall Semester	Spring Semester	Summer Semester	Fall Semester	Spring Semester	Summer Semester
ALH101 Introduction to	BIO148 General Biology II 4		BIO173 Medical	MAT145 Math Methods in 4	
Allied Health Professions	w/Lab		Terminology	Natural Science	
BIO146 General Biology I w/Lab	CHE125 General Chemistry II w/Lab		BIO305 Microbiology w/Lab	PSY213 General Psychology 3	
CHE115 General Chemistry	ENG122 Intermediate		HCC104 Current of HC	STA144 Introduction to	
I w/Lab	Composition 3	1 1	Health Care Delivery	Statistics 3	
ENG113 Composition 3	General Education Course 3		HSC210 Ethics in Health Care 3	Upper Division General Education Course 3	
GST100 Focus 1	General Education Course 3		General Education Course 3	General Education Course 3	
General Education Course (or Math Course if needed)					
Caution: If additional Math is					
taken, an additional GE must be			4		
added to this plan.					
Total Units: 16	Total Units: 17	Total Units:	Total Units: 16	Total Units: 16	Total Units:
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2	Junior Year			Senior Year	
Fall Semester		Summer Semester	Fall Semester		Summer Semester
Fall Semester BIO153 Anatomy and Physiology I w/Lab	Junior Year Spring Semester BIO313 Genetics 4	Summer Semester	Fall Semester ALH495 Clinical Practicum 3	Spring Semester HSC305 or HSC310	Summer Semester
DIO152 Anotomy and	Spring Semester	Summer Semester		Spring Semester	Summer Semester
BIO153 Anatomy and Physiology I w/Lab CHE351 Organic Chemistry 4	Spring Semester BIO313 Genetics 4 CHE352 Organic Chemistry 4	Summer Semester	ALH495 Clinical Practicum 3 BIO163 Anatomy and	Spring Semester HSC305 or HSC310 (depending on choice) 3	Summer Semester
BIO153 Anatomy and Physiology I w/Lab CHE351 Organic Chemistry I w/Lab PHY114 or PHY214 4	Spring Semester BIO313 Genetics 4 CHE352 Organic Chemistry II w/Lab PHY124 or PHY224	Summer Semester	ALH495 Clinical Practicum 3 BIO163 Anatomy and Physiology II w/Lab CHE443 Biochemistry I	Spring Semester HSC305 or HSC310 (depending on choice) HSC480 Research Methods 3 Upper Division General 3	Summer Semester
BIO153 Anatomy and Physiology I w/Lab CHE351 Organic Chemistry I w/Lab PHY114 or PHY214 (depending on choice) 4	Spring Semester BIO313 Genetics 4 CHE352 Organic Chemistry II w/Lab PHY124 or PHY224 (depending on choice) 4	Summer Semester	ALH495 Clinical Practicum 3 BIO163 Anatomy and 4 Physiology II w/Lab CHE443 Biochemistry I w/Lab Upper Division General 3	Spring Semester HSC305 or HSC310 (depending on choice) HSC480 Research Methods 3 Upper Division General Education Course 3	Summer Semester
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Total Units: 130 (124 units required to graduate)