

# **Health Science - Pre-Dental**

## Major Requirements

Lower Division Requirements	Pre-Req	Units	Note
ALH101 Introduction to Allied Health Professions	-	1	
BIO146 General Biology I w/Lab	-	4	
BIO173 Medical Terminology	-	3	
CHE115 General Chemistry I w/Lab	CHE102 or HS Chem	4	
CHE125 General Chemistry II w/Lab	CHE115	4	Spring only
HSC104 Survey of US Health Care Delivery	-	3	As offered
HSC210 Ethics in Health Care	-	3	As offered
MAT145 Math Methods in Natural Science	MAT115 or 135	4	Spring only
PSY213 General Psychology	-	3	
STA144 Introduction to Statistics	MAT115	3	

Upper Division Requirements	Pre-Req	Units	Note
BIO305 Microbiology w/Lab	BIO146 or 153	4	
BIO313 Genetics, or	BIO146	4	
BIO330 Cell and Molecular Biology	BIO146, 148	4	Fall only
HSC305 Epidemiology	-	3	Fall only
HSC420 Health Care Policy	HSC104	3	As offered
HSC480 Research Methods	STA144	3	As offered; Junior/Senior status
HSC499 Health Science Capstone	Pre /Coreq: HSC480	2	Senior Status
ICS430 Intercultural Communication	-	3	Spring only

Concentration Requirements	Pre-Req	Units	Note
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
CDS 240 Speech and Hearing Anatomy and Physiology	BIO153	3	
PHY114 General Physics I w/ Lab	MAT145 w/ a B-	4	Fall only; Pre-req: or place
PHY124 General Physics II w/ Lab	PHY114	4	Spring only
OR			
PHY214 Physics for the Scientist I w/ Lab	MAT145 or 245	4	Fall only; Pre-req: and place
PHY224 Physics for the Scientist II w/ Lab	PHY214	4	Spring only

## 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	SPA110 recommended
Foreign Language II	3	SPA120 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 of 6 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	ICS430 will fulfill 3 units

<sup>\*</sup>Course is interdisciplinary

Upper Division Requirements	12	BIO305, 313, and ICS430 will fulfill 11 units
Interdisciplinary Requirements	9	
Multicultural Requirements	9	ENG123 and ICS430 will fulfill 6 units

<b>Total Required GE units:</b>	45
Upper Division Required GE Units:	3

Total Major Units:89		Additional Elective Units Needed:	0
<b>Upper Division Major Units:</b>	34	<b>Upper Division Elective Units Needed:</b>	2

### 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.
- 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.

## **Contact Information**

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		Freshman Year					Sophomore Year		
ALH101 Introduction to Allied Health Professions	1	BIO148 General Biology II w/Lab	4		BIO173 Medical Terminology	3	CHE352 Organic Chemistry II w/ Lab	4	
BIO146 General Biology I w/Lab	4	CHE125 General Chemistry II w/Lab	4		CHE351 Organic Chemistry I w/ Lab	4	HSC210 Ethics in Health Care	3	
CHE115 General Chemistry I w/Lab	4	MAT145 Math Methods in Natural Science	4		HSC104 Survey of US Health Care Delivery Systems	3	PHY124 or PHY224 w/ Lab (depending on choice)	4	
ENG113 Composition	3	ENG123 Intermediate Composition	3		PHY114 or PHY214 w/ Lab (depending on choice)	4	STA144 Introduction to Statistics	3	
GST100 Focus	1	General Education Course	3		General Education Course	3	General Education Course	3	
General Education Course (or lower level MAT if needed)	3								
Caution: If additional Mattaken, an additional GE mus added to this plan.  Total Units:	st be	Total Units:	18	Total Units:	Total Units:	17	Total Units:	17	Total Units:
Fall Semester	)	Junior Year Spring Semester	(	Summer Semester	Fall Semester		Senior Year Spring Semester		Summer Semester
BIO153 Anatomy and Physiology I w/Lab	4	BIO163 Anatomy and Physiology II w/Lab	4		CDS240 Speech and Hearing Physiology	3	CHE443 Biochemistry I	4	
BIO305 Microbiology w/Lab	4	BIO313 Genetics, or BIO330 in a fall semester	4		HSC305 Epidemiology	3	HSC 499 Health Science Capstone	2	
PSY213 General Psychology	3	HSC420 Health Care Policy	3		HSC480 Research Methods	3	Upper Division General Education Course	3	
General Education Course	3	ICS430 Intercultural Communications	3		Upper Division General Education Course	3	General Education Course	3	
General Education Course	3	General Education Course	3		General Education Course	3	General Education Course	3	
					General Education Course	3			
	Щ							Щ	
Total Units:									Total Units:

Total Units: 135 (124 units required to graduate)