Health Science - Pre-Optometry

PHY214 & 224 Physics for Scientists I & II w/Lab

Major Requirements

Lower Division Requirements	Pre-Req	Units	Note
ALH101 Introduction to Allied Health Professions	s -	1	
BIO146 General Biology I w/Lab	-	4	
BIO173 Medical Terminology			
CHE115 General Chemistry I w/Lab	CHE102 or HS Cher	n 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	
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Lower Division Physics Requirements	Pre-Req	Units	Note
Complete one of the following two semester seque	nces:		
PHY114 & 124 General Physics 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	
BIO313 Genetics	BIO146	4	
HSC305 Epidemiology		2	Fall only
or HSC310 Public Health	-	5	Spring only
HSC480 Research Methods	STA144	3	Junior/Senior status

See catalog

4/4

Fall only / Spring only

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

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
		nt, 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	
Tion ob motory		
Political Science	3	POL213, 223, 250, 323, 395* or 437 recommended
Political Science	3 4	POL213, 223, 250, 323, 395* or 437 recommended BIO305 will fulfill
5	-	

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: 6

Total Major Units: 81

Upper Division Major Units: 29

Additional Elective Units Needed: 0

Upper Division Elective Units Needed: 4

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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Cbu Health Science - Pre-Optometry

	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 3	MAT145 Math Methods in 4	
Allied Health Professions	w/Lab		Terminology	Natural Science	
BIO146 General Biology I 4	CHE125 General Chemistry 4		BIO305 Microbiology 4	PSY213 General 3	
w/Lab	II w/Lab		w/Lab HSC104 Survey of US	Psychology	
CHE115 General Chemistry I w/Lab	ENG123 Intermediate 3		Health Care Delivery 3	STA144 Introduction to 3 Statistics	
			HSC210 Ethics in Health	Upper Division Conerel	
ENG113 Composition 3	General Education Course 3		Care 3	Education Course 3	
GST100 Focus 1	General Education Course 3		General Education Course 3	General Education Course 3	
General Education Course 3					
(or Math Course if needed) ³					
Caution: If additional Math is					
taken, an additional GE must be			-		
added to this plan.					
Total Units: 16	Total Units: 17	Total Units:	Total Units: 16	Total Units: 16	Total Units:
N	Junior Year			Senior Year	
Fall Semester	Junior Year Spring Semester	Summer Semester	Fall Semester	Senior Year Spring Semester	Summer Semester
BIO153 Anatomy and 4		Summer Semester	Fall Semester ALH495 Clinical Practicum 3	Spring Semester HSC305 or HSC310 3	Summer Semester
BIO153 Anatomy and Physiology I w/Lab	Spring Semester BIO313 Genetics 4 CHE352 Organic Chemistry	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/Lab4CHE351 Organic Chemistry I w/Lab4	Spring SemesterBIO313 Genetics4CHE352 Organic Chemistry II w/Lab4	Summer Semester	ALH495 Clinical Practicum3BIO163 Anatomy and Physiology II w/Lab4	Spring SemesterHSC305 or HSC310 (depending on choice)3HSC480 Research Methods3	Summer Semester
BIO153 Anatomy and Physiology I w/Lab4CHE351 Organic Chemistry I w/Lab4PHY114 or PHY2144	Spring SemesterBIO313 Genetics4CHE352 Organic Chemistry II w/Lab4PHY124 or PHY2244	Summer Semester	ALH495 Clinical Practicum3BIO163 Anatomy and Physiology II w/Lab4CHE443 Biochemistry I4	Spring SemesterHSC305 or HSC310 (depending on choice)3HSC480 Research Methods3Upper Division General3	Summer Semester
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Total Units: 130 (124 units required to graduate)

2013-2014