Health Science - Pre-Medicine 2013-2014

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	

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	
BIO313 Genetics	BIO146	4	
HSC305 Epidemiology	-	3	Fall only
or HSC310 Public Health			Spring only
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
BIO330 Cell & Molecular Biology w/Lab	BIO146 & 148	4	Fall only
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: 77

Upper Division Major Units: 33

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

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

Total Required GE units: 48

Upper Division Required GE Units: 6

Additional Elective Units Needed: 0

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.
- 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

Fall Semester		Spring Semester		Summer Semester	
ALH101 Introduction to Allied Health Professions	1	BIO148 General Biology II w/Lab	4		
BIO146 General Biology I w/Lab	4	CHE125 General Chemistry II w/Lab	4		
CHE115 General Chemistry I w/Lab	4	General Education Course	3		
ENG113 Composition	3	ENG123 Intermediate Composition	3		
GST100 Focus	1	General Education Course	3		
General Education Course (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:	

Sophomore Year

Fall Semester		Spring Semester		Summer Semester	
BIO173 Medical Terminology	3	PSY213 General Psychology	3		
CHE351 Organic Chemistry I w/Lab	4	CHE352 Organic Chemistry II w/Lab	4		
HSC210 Ethics in Health Care	3	MAT145 Math Methods in Natural Science	4		
Upper Division General Education Course	3	General Education Course	3		
General Education Course	3	General Education Course	3		
Total Units:	16	Total Units:	17	Total Units:	

Junior Year

Fall Semester		Spring Semester		Summer Semester	
BIO305 Microbiology w/Lab	4	BIO313 Genetics	4		
BIO330 Cell & Molecular Biology w/Lab	4	CHE443 Biochemistry I w/Lab	4		
PHY114 or PHY214 (depending on choice)	4	PHY124 or PHY224 (depending on choice)	4		
General Education Course	3	Elective	3		
Total Units:	15	Total Units:	15	Total Units:	

Senior Year

Fall Semester		Spring Semester		Summer Semester	
ALH495 Clinical Practicum	3	HSC305 or HSC310 (depending on choice)	3		
HSC104 Survey of US Health Care Delivery	3	HSC480 Research Methods	3		
STA144 Introduction to Statistics	3	General Education Course	3		
Upper Division General Education Course	3	General Education Course	3		
General Education Course	3	General Education Course	3		
Total Units:	15	Total Units:	15	Total Units:	

Total Units: 126 (124 units required to graduate)

SAMPLE