



**Biomedical Sciences
Sample Traditional Curriculum Plan**

Course	1 st Term Fall	Hours	Course	2 nd Term Spring	Hours
ENG 101	†English Composition I	3	ENG 102	†English Composition II	3
BIO 110	†General Biology I	4	BIO 120	General Biology II	4
HSC 104	Baptist University Experience	1	PSY 201	†Psychology	3
CHE 115	General Chemistry I	4	CHE 125	General Chemistry II	4
MAT 110	†College Algebra	3	AHS 202	Medical Terminology	2
	Total	15		Total	16

Course	3 rd Term Fall	Hours	Course	4 th Term Spring	Hours
CHE 210	Organic Chemistry I	4	CHE 220	Organic Chemistry II	4
BIO 342	Human Anatomy	4	BIO 345	Human Physiology	4
HSC 410	Professional Health Care Roles	3	HSC 320	Research for Healthcare Professionals	3
COM	†Communications Elective	3	ENG 104	Medical Writing	1
			SOC 201	†Medical Sociology	3
	Total	14		Total	15

Course	5 th Term Fall	Hours	Course	6 th Term Spring	Hours
CHE 310	Biochemistry	4	PSY 301	Human Growth & Development	3
PHY 200	Physics I	4	PHY 205	Physics II	4
HSC 461	Bio-technique Seminar	2	BIO 205	Microbiology	4
HIS/LIT/PHI/PSY/REL/SOC	Humanities Elective	3	PHI 301	†Biomedical Ethics	3
	Foreign Language Elective	3			
	Total	16		Total	14

Course	7 th Term Fall	Hours	Course	8 th Term Spring	Hours
HSC 301	US Healthcare Systems	3	BIO 410	Molecular Cell Biology	4
BIO 350	Genetics	3	ENG	†Literature Elective	3
MAT 211	Statistics	3	REL	†Religion Elective	3
	Major Elective	3		Major Elective	3
	Major Elective	3		Major Elective	3
	Total	15		Total	16

Total Hours: 124

Upper Division Hours: 45 or more

†Satisfies General Education Requirement

Major Electives (15 hours)

BIO 301	Pathophysiology	3	HSC 306	Practicum in Bench Research	3
BIO 320	Cross-Sectional Anatomy	2	HSC 310	Adverse Childhood Experiences	3
BIO 340	Histology	4	HSC 460	Undergraduate Research	1
BIO 390	Immunology	3	MAT 240	Elements of Calculus	3
BIO 401-404	Special Topics in Biology	1-4	MAT 310	Biostatistics	3
BIO 460	Cancer Biology	3	POH 375	Global Infectious Diseases	3
CHE 330	Molecular Pharmacology	3	POH 442	Principles in Public Health and Epidemiology	3
HSC 305	Practicum in Clinical Research	3	PSY 320	Psychopathology	3