

 **BAPTIST COLLEGE**
OF HEALTH SCIENCES

**Biomedical Sciences
Sample Traditional Curriculum Plan**

Course	1 st Trimester Fall	Hours	Course	2 nd Trimester Spring	Hour
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 College 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 Trimester Fall	Hours	Course	4 th Trimester Spring	Hour
CHE 210	Organic Chemistry I	4	CHE 220	Organic Chemistry II	4
BIO 201	Anatomy & Physiology I	4	BIO 202	Anatomy and Physiology II	4
REL	Religion Elective	3	MAT 240	Elements of Calculus	3
COM	Communications Elective	3	ENG 104	Medical Writing	1
			NUT 101	Nutrition	3
	Total	14		Total	15

Course	5 th Trimester Fall	Hours	Course	6 th Trimester Spring	Hour
BIO 205	Microbiology	4	PSY 301	Human Growth & Development	3
PHY 305	Physics I	4	PHY 315	Physics II	4
HSC 320	Research for Healthcare Prof	3	MAT 211	Statistics	3
SOC 201	Medical Sociology	3	BIO 301	Pathophysiology	3
ENG	Literature	3	PHI 301	Biomedical Ethics	3
	Total	17		Total	16

Course	7 th Trimester Fall	Hours	Course	8 th Trimester Spring	Hour
HSC 301	US Healthcare Systems	3	BIO 410	Molecular Cell Biology	4
BIO 350	Genetics	3	HSC 410	Professional Healthcare Roles	3
CHE 310	Biochemistry	4		Major Electives	8
	Major Electives	6			
	Total	16		Total	15

Major Elective Options – 14 Credit Hours Required					
BIO 310	Applied Pathophysiology	3	BIO 420	Endocrinology	3
BIO 315	Applied & Environmental Micro	3	BIO 460	Cancer Biology	3
BIO 320	Cross Sectional Anatomy	2	CHE 330	Molecular Pharmacology	3
BIO 340	Histology	4	HSC 350	Perspectives of Epidemiology	3
BIO 360	Applied A & P	3	HSC 460	Independent Research	1
BIO 370	Infectious Diseases	2	MAT 230	Advanced Statistics	3
BIO 390	Immunology	3	PSY 320	Abnormal Psychology	3
BIO 401-4	Special Topics in Biology	1-4			