

Name _____
 Z No. _____ Date _____
 Telephone _____ Email _____

COURSE EARNED	COURSE CODE	COURSE TITLE	CREDIT HOURS	COURSE EARNED	COURSE CODE	COURSE TITLE	CREDIT HOURS
FRESHMAN Semester 1				FRESHMAN Semester 2			
_____	BIO 105	Essentials of Biology	1	_____	BIO 112	Introductory Biology II Lecture	3
_____	BIO 111	Introductory Biology I Lecture	3	_____	BIO 112L	Introductory Biology II Laboratory	1
_____	BIO 111L	Introductory Biology I Laboratory	1	_____	BIO 209	Methods in Biotechnology*	1
_____	CHE 111	General Chemistry I Lecture	3	_____	CHE 112	General Chemistry II Lecture	3
_____	CHE 111L	General Chemistry I Laboratory	1	_____	CHE 112L	General Chemistry II Laboratory	1
_____	COMP 102	Composition II	3	_____	COM 101	Oral Communication	3
_____	GEN 150	Intro. to Whole Person Education	1	_____	HPE 155	Health Fitness	1
_____	PRFH 070	Swimming Proficiency	0	_____	THE 105	Spirit-Empowered Living II	2
_____	THE 104	Spirit-Empowered Living I	2	_____	PHP 100	Prehealth Seminar	1
			<u>15</u>				<u>16</u>

* can be taken in semester 3 or 4

SOPHOMORE Semester 3				SOPHOMORE Semester 4			
_____	PHS 223	Human Anatomy Lecture	3	_____	BIO _____	Biology Elective Lecture	3
_____	PHS 223L	Human Anatomy Laboratory	1	_____	BIO _____	Biology Elective Laboratory	1
_____	CHE 211	Organic Chemistry I Lecture	3	_____	BIO 259	Medical Terminology	2
_____	CHE 211L	Organic Chemistry I Laboratory	1	_____	CHE 212	Organic Chemistry II Lecture	3
_____	BIO 200	Human Cadaver Dissection	1	_____	CHE 212L	Organic Chemistry II Laboratory	1
_____	GEN 301	General Education Elective	3	_____	BIO _____	Elective***	3
_____	MAT 106/201	Trigonometry or Calculus I	3	_____	BLIT _____	NT Biblical Literature Elective	2
_____	BLIT _____	OT Biblical Literature Elective	2	_____	HPE _____	HPE Activity	0.5
_____	HPE _____	HPE activity	0.5				<u>15.5</u>
			<u>17.5</u>				

JUNIOR Semester 5				JUNIOR Semester 6			
_____	PHY 101	General Physics I Lecture	3	_____	BIO 372	Introduction to Biological Research	1
_____	PHY 101L	General Physics I Laboratory	1	_____	PHY 102	General Physics II Lecture	3
_____	BIO _____	Biology Elective Lecture	3	_____	PHY 102L	General Physics II Laboratory	1
_____	BIO _____	Biology Elective Laboratory	1	_____	PHS 224	Human Physiology Lecture	3
_____	MAT 232	Elementary Statistics	3	_____	PHS 224L	Human Physiology Laboratory	1
_____	_____ 101	Foreign Language	3	_____	HUM _____	Hum Electives	3
_____	HPE _____	HPE Activity	0.5	_____	SOC _____	Social Science Elective	3
			<u>14.5</u>	_____	HPE _____	HPE Activity	0.5
							<u>15.5</u>

Take PCAT, GRE, or other preprofessional exam at the end of junior year

SENIOR Semester 7				SENIOR Semester 8			
_____	BIO 499	Research and Senior Paper	3	_____	BIO 451	Biology Seminar	1
_____	COMP 303	Critical Reading and Writing	3	_____	GEN 356	Biomedical Ethics	3
_____	BIO _____	Biology Elective Lecture	3	_____	BIO _____	Biology Elective Lecture	3
_____	BIO _____	Biology Elective Laboratory	1	_____	BIO _____	Biology Elective Laboratory	1
_____	BIO 312	Ecology Lecture	3	_____	GEN 380/420/434	Gen. Education Elec.	3
_____	BIO 312L	Ecology Laboratory	1	_____	HUM _____	Humanities Elective	3
_____	HIS/GOV _____	Civics Elective	3	_____	HPE _____	HPE Activity	0.5
_____	HPE 400	Lifelong Wellness	0.5				<u>14.5</u>
			<u>17.5</u>				

*** Follow course recommendations of the prehealth advisor for you specific health professions program

This degree plan sheet is intended to be used as a guide to make academic choices of the courses offered. This does not constitute a contract.

Biology and Chemistry Department
B.S. in Biology (BIO) - Concentration: Health Professions (HPC)

2019-2020

General Education	Credit Hours
Introduction to Whole Person Education (GEN 150) - counts as HPE activity	1
Oral Communication (COM 101)	3
Composition (COMP 102, COMP 303)	6
Civics (GOV 101, GOV 103, HIS 110, HIS 111, OR HIS 200)	3
Humanities (HUM 201*, 202*, 203*, 204*, 333; ART 103, 104, 307; DANP 125; DRAM 215, 304; MUS 300)	6
*At least one course must be chosen from courses marked with asterisks	
Foreign Language (101, 102, 203, or 204)	3
Biblical Literature (BLIT 111 and 122 or BIB 222 and BIB 261)	4
General Physics I Lecture and Laboratory (PHY 101)	4
General Physics II Lecture and Laboratory (PHY 102)	4
Theology (THE 104, 105)	4
Quantitative Literacy (MAT 232)	3
Health, Leisure and Sport Sciences (HPE 155, 400; PRF 070)	4
Social Science (SOC 101, 201, 323, PSY 201, SWK 202, MUS 208, BUS 201, FIN 244)	3
General Education Electives (GEN 301, 380**, 420**, 434**)	6
GEN 356 Biomedical Ethics	3
**At least one course must be chosen from courses marked with two asterisk	
General Education Total	<hr/> 57
Major	
Essentials of Biology (BIO 105)	1
Introductory Biology Lecture and Laboratory (BIO 111 and 112)	8
Methods in Biotechnology (BIO 209)	1
Introduction to Biological Research (BIO 372)	1
Ecology Lecture and Laboratory (BIO 312)**	4
Biology Seminar (BIO 451)	1
Research/Senior Paper (BIO 499)	3
Biology Electives (Choose four of the following, include one indicated course*)	16
BIO 310 Microbiology Lecture and Laboratory	
BIO 311 Medical Genetics Lecture and Laboratory*	
BIO 410 Medical Parasitology	
BIO 411 Molecular Cell Biology Lecture and Laboratory*	
BIO 431 Developmental Biology Lecture and Laboratory	
BIO 457 Principles of Immunology Lecture and Laboratory	
BIO 454 Special Topics (May be taken only once.)	
**May be replaced by BIO 458 Marine Ecology or AUS courses	
Major Total	<hr/> 35
Cognate	
Mathematics (choice of the following):	3
MAT 106 Trigonometry	3
MAT 201 Calculus	4
General Chemistry I and II Lecture and Laboratory (CHE 111 and 112)	8
Organic Chemistry I and II Lecture and Laboratory (CHE 211 and 212)	8
	<hr/> 19
Concentration	
Human Anatomy Lecture and Laboratory (PHS 223)	4
Human Physiology Lecture and Laboratory (PHS 224)	4
Prehealth Seminar (PHP 100)	1
Human Cadaver Dissection (BIO 200)	1
Medical Terminology (BIO 259)	2
Concentration Total	<hr/> 12
Degree Total	<hr/> 123