

**BACHELOR OF SCIENCE
HEALTH SCIENCES
CONCENTRATION IN PRE-MEDICAL**

GSU 100 The First Year Experience 0 hour

All degree seeking students are required to take GSU 100 during their first semester.

General Education Requirements 30 hours

Students must complete BIOL 120, MATH 115, and PSYC 201 as part of the General Education requirements.

Health Sciences Major 44 hours

BIOL	120	Principles of Biology I	
EXSC	455	Psychology of Exercise	3
EXSC	493	Practicum	6
HLTH	101	Introduction to Health & Human Performance	3
HLTH	105	Human Nutrition	3
HLTH	107	Introduction to Medical Terminology	3
HLTH	230	Anatomy & Physiology I	4
HLTH	231	Anatomy & Physiology II	4
HLTH	293	Lifetime Fitness and Wellness (Gateway Course)	3
HLTH	435	Research Methods in Health and Human Performance	3
MATH	115	College Algebra	
MATH	256	Probability and Statistics I	3
PED	201	First Aid and Safety	1
PED	333	Motor Learning and Development	2
PSYC	201	General Psychology	
SCNC	390	Test Prep for STEM Schools	1
SOCL	341	Community and Environmental Health	2
SOCL	342	Health Disparities in Vulnerable Populations	3

Pre-Medical Concentration 39 hours

BIOL	121	Principles of Biology II	4
CHEM	101	General Chemistry I	4
CHEM	102	General Chemistry II	4
CHEM	301	Organic Chemistry I	4
CHEM	302	Organic Chemistry II	4
CHEM	380	Biochemistry I	4
PHYS	201	General Physics I	4
PHYS	202	General Physics II	4
Restricted Electives: (See recommendations below)			7
Any 300-499 level courses			

General Electives: See recommendations below 7 hours

Recommended Electives:

BIOL	236	Introduction to Genetics
BIOL	321	Animal Physiology
BIOL	335	Cell Physiology
BIOL	361	Microbiology
BIOL	420	Neurobiology
BIOL	436	Molecular Genetics

Total minimum hours for degree 120 hours

GATEWAY ASSESSMENT – HLTH 293

CAPSTONE ASSESSMENT – EXSC 493

**BS: HEALTH SCIENCES
CONCENTRATION IN PRE-MEDICAL
PLAN OF STUDY**

FIRST YEAR

ART 200 (OR) MUSC 200	2	BIOL 121.....	4
BIOL 120.....	4	ENGL 102.....	3
ENGL 101	3	HIST 201, 202, 207, 208, (OR) POSC 203.....	3
GSU 100.....	0	HLTH 105.....	3
HLTH 101.....	3	HLTH 107.....	3
MATH 115.....	3	Total Hours – Spring Semester.....	16
Total Hours – Fall Semester.....	15		

SECOND YEAR

CHEM 101.....	4	CART 101.....	3
ENGL 203, 204, 205 (OR) 206	3	CHEM 102.....	4
HLTH 230.....	4	HLTH 231.....	4
HLTH 293.....	3	MATH 256.....	3
Total Hours – Fall Semester.....	14	PSYC 201	3
		Total Hours – Spring Semester.....	17

THIRD YEAR

CHEM 301	4	CHEM 302.....	4
PED 333	2	HIST 201, 202, 207, 208 (OR) POSC 203	3
PHYS 201	4	PED 201	1
SCNC 390.....	1	PHYS 202	4
SOCL 341	2	SOCL 342	3
GENERAL (OR) RESTRICTED ELECTIVES	3	Total Hours – Spring Semester.....	15
Total Hours – Fall Semester.....	16		

FOURTH YEAR

CHEM 380.....	4		
EXSC 455.....	3	EXSC 493*	6
HLTH 435.....	3	PHYS 202	8
GENERAL (OR) RESTRICTED ELECTIVES	3	Total Hours – Spring Semester.....	14
Total Hours – Fall Semester.....	13		

*Students who have completed 90 or more credit hours may elect to take EXSC 493 during the summer after their third or fourth year. EXSC 493 may be split into two 3-credit courses taken during different semesters.