



Health Science Curriculum

Core Requirements:

BI211/L	Human Anatomy and Physiology I	4 credits
BI212/L	Human Anatomy and Physiology II	4 credits
BI210	Medical Terminology	1 credit
BI385	Bioethics	3 credits
BS125	General Psychology	3 credits
ES200	Motor Learning	2 credits
ES360	Principles of Nutrition	3 credits
HS120	Foundations of Health Science	2 credit
HS362	Field Practicum	1 credit
HS435	Healthcare Administration	3 credits
HS440	Research Methods in Health Science	3 credits
HS445	Seminar in Health Science	1 credit
		Subtotal: 29 credits

Pre-Physical Therapy: Required

CH151/L	General Chemistry I	5 credits
CH152/L	General Chemistry II	5 credits
ES370	Kinesiology	3 credits
ES420	Exercise Physiology	3 credits
HS3XX	Biomechanics	3 credits
PH210/L	Physics I	5 credits
PH211/L	Physics II	5 credits
1	Upper Level Biology	4-5 credits
		Subtotal: 33-34 credits

Suggested Health Science Electives: (Students may choose credits from the following list of courses to fulfill needed electives. Course selections should be based on the pre-requisite requirements of the graduate programs to which students will apply).

BI371	Vertebrate Anatomy	4 credits
BI170	Zoology	4 credits
BI311	Fundamentals of Pathophysiology	4 credits
BI344/L	Microbiology	5 credits
BI390	Practicum in Biology	1 credit
BS115	Sociology	3 credits
BS225	Developmental Psychology	3 credits
BS261	Social Psychology	3 credits

CH232	Introduction to Organic Chemistry	4 credits
ES380	Sport Psychology	2 credits
ES420	Exercise Physiology	3 credits
ES400	Internship	3 credits
AT440	Developing/Implementing Strength & Fitness Prog.	3 credits

OR

ES440	Developing/Implementing Strength & Fitness Prog.	3 credits
HS450	Pharmacology	1 credit
LL102	College Composition II	3 credits

Sample Four Year Sequence – Pre-PT Concentration

Fall	Interterm	Spring
HS120 Found of HS - 2 BS 125 General Psychology – 3 ES 101 Concepts of Health/PE – 2 LL 101 Comp I - 3 GD 105 Foundations of Serv Lead – 1 MA150 Pre-Calc - 5 TOTAL: 16	HS 255 First Aid for HCP – 3 TOTAL: 3	CM 101 Public Speaking – 3 ES 200 Motor Learning – 2 HI 102 History of Worl Civ II - 3 TM 103 New Testament – 3 ES 221 Pers/Com Health - 3 TOTAL: 14
BI 211/L Human A&P I - 4 CH 151/L Chemistry I – 5 ES 360 Nutrition – 3 <i>Elective</i> TOTAL: 15	TM 102 Old Testament – 3 TOTAL: 3	BI 212L Human A&P II - 4 CH 152/L Chemistry II – 5 LL 102 Comp II – 3 <i>Elective</i> TOTAL: 15
PH 210/L Physics I – 5 ES 370 Kinesiology – 3 Fine Art GE – 3 HS 440 Research Methods in HS – 3 TOTAL: 14	BI 210 Medical Terminology – 1 HS 450 Pharmacology - 1 TOTAL: 2	PH 211/L Physics II – 5 ES 420 Exercise Physiology – 3 MA 240 Elementary Stats – 3 BI385 Bioethics - 3 HS362 Field Practicum – 1 TOTAL: 15
HS 445 Seminar in HS – 1 TM 266 Basic Christian Doctrine – 3 BI311 Fundamentals of Patho – 4 ES380 Sport Psychology – 2 Elective – 3 TOTAL: 13	LL 151 Intro to Literature – 3 TOTAL: 3	ES 440 Devel/Impl Strength/Fit – 3 HS 390 Biomechanics – 3 HS 435 Healthcare Admin – 3 ES 400 Internship – 3 TOTAL: 12

Credit Hours:

Year 1 - 33

Year 2 - 33

Year 3 - 31

Year 4 - 28

Total: 125 credits