

KINESIOLOGY (B.S.) HEALTH SCIENCES PATHWAY

Degree: Bachelor of Science

Major: Kinesiology

Concentration: Health Science Pathway

Total Hours: 120

Code	Title	Hours
General Education Core Curriculum		
<i>Communication</i>		
ENGL 1301	Composition I	3
Select one of the following:		3
COMM 1315	Public Speaking I	
COMM 1321	Business and Prof Speech	
FREN 1311	Beginning French I	
SPAN 1311	Beginning Spanish I	
<i>Mathematics</i>		
MATH 1313	Mathematics for Allied Health	3
or MATH 1332 Contemporary Mathematics I		
or MATH 1333 Contemporary Mathematics II		
<i>Life and Physical Sciences</i> ¹		
BIOL 2401	Anatomy and Physiology I	4
BIOL 2402	Anatomy and Physiology II	4
<i>Language, Philosophy, and Culture</i>		
Select one of the following:		3
DSDE 1374	Introduction to Deaf Studies	
ENGL 2300	Ethics and Literature	
ENGL 2326	American Literature	
ENGL 2331	World Literature	
ENGL 2376	African-American Literature	
FREN 2312	Intermediate French II	
PHIL 1370	Philosophy of Knowledge	
PHIL 2306	Ethics	
SPAN 2312	Intermediate Spanish II	
<i>Creative Arts</i>		3
ARTS 1301	Art Appreciation	
ARTS 1303	Art History I	
COSC 1324	The Art of Computer Game Development	
DANC 2303	Dance Appreciation	
MUSI 1306	Music Appreciation	
MUSI 1309	Jazz History and Appreciation	
MUSI 1310	History of Rock and Roll	
PHIL 1330	Arts and Ideas	
<i>American History</i>		
Select two of the following:		6
HIST 1301	U S History I 1763-1877	
HIST 1302	U S History II Since 1877	
HIST 2301	Texas History	
<i>Government/Political Science</i>		

POLS 2301	Intro to American Government I	3
POLS 2302	Intro/American Government II	3
<i>Social and Behavioral Sciences</i>		3
PSYC 2301	General Psychology	
SOCI 1301	Introduction to Sociology	
<i>Component Area Option</i>		
ENGL 1302	Composition II	3
PSYC 2317	Introduction to Statistical Methods	3
or MATH 1342 Elementary Statistical Methods		
Required Major Courses		
<i>Kinesiology Core</i> ¹		19
Any DISC Course		
KINT 2371	Functional Anatomy/Physiology	
KINT 3310	Wellness Strategies	
KINT 3315	Biomechanics	
KINT 3330	Exercise Physiology	
KINT 3130	Exercise Physiology Lab	
KINT 4350	Exercise Prescription	
Free Electives		21
<i>Health Sciences Pathway</i>		
Health Sciences Preparation		
KINT 3342	Cardiopulmonary Exercise Physiology	3
KINT 3380	Testing Procedures & Measureme	3
KINT 4318	Neuromuscular Physiology	3
KINT 4355	ExRx for Special Populations	3
KINT 4357	Health Risk Appraisal	3
Professional Pre-requisites - 21 hours from		21
BIOL 1102	Medical Terminology	
BIOL 1406	General Biology I (Majors)	
BIOL 1407	General Biology II (Majors)	
BIOL 2421	Microbiology for Science Majors	
BIOL 3470	Genetics	
BIOL 4470	Cell Biology/Histology	
CHEM 1111	General Chemistry I Laboratory	
& CHEM 1311	and General Chemistry I	
CHEM 1112	General Chemistry II Laboratory	
& CHEM 1312	and General Chemistry II	
CHEM 3111	Organic Chemistry I Laboratory	
& CHEM 3311	and Organic Chemistry I	
CHEM 3112	Organic Chemistry II Lab	
& CHEM 3312	and Organic Chemistry II	
MATH 1342	Elementary Statistical Methods	
PHYS 1401	College Physics I	
PHYS 1402	College Physics II	
PSYC 2301	General Psychology	
PSYC 2315	Lifespan Development	
PSYC 2317	Introduction to Statistical Methods	
PSYC 3370	Child & Adolescent Psychology	
PSYC 4320	Abnormal Psychology	
PSYC 4380	Behavior Neuroscience	
SOCI 1301	Introduction to Sociology	

SOCI 3311	Medical Sociology	
Total Hours		120

Health Sciences Pathway

First Year

Fall		Hours
ENGL 1301	Composition I ¹	3
BIOL 2401	Anatomy and Physiology I	4
Any DISC Course		3
History		3
Professional Preparation		3

Hours **16**

Spring

BIOL 2402	Anatomy and Physiology II	4
ENGL 1302	Composition II	3
History		3
Professional Preparation		3
One From:		3
MATH 1313	Mathematics for Allied Health	
MATH 1332	Contemporary Mathematics I	
MATH 1333	Contemporary Mathematics II	

Hours **16**

Second Year

Fall		
KINT 2371	Functional Anatomy/Physiology (KC-2)	3
KINT 3310	Wellness Strategies (KC-3)	3
KINT 3330	Exercise Physiology (KC-4)	3
KINT 3130	Exercise Physiology Lab	1
Political Science Core		3
PSYC 2301	General Psychology	3
or SOCI 1301	or Introduction to Sociology	

Hours **16**

Spring

Professional Preparation		3
PSYC 2317	Introduction to Statistical Methods	3
or MATH 1342	or Elementary Statistical Methods	
Creative Arts Core		3
Language, Philosophy and Culture Core		3
Political Science Core		3

Hours **15**

Third Year

Fall		
KINT 3315	Biomechanics (KC-5)	3
KINT 4350	Exercise Prescription (KC-6)	3
KINT 3380	Testing Procedures & Measureme (KP-1)	3
Free Elective (FE-1)		3
Professional Preparation (PP-4)		3

Hours **15**

Spring

KINT 4318	Neuromuscular Physiology (KP-2)	3
Professional Preparation		3
Free Elective		3
Free Elective		3
Free Elective		3

Hours **15**

Fourth Year

Fall		
KINT 3342	Cardiopulmonary Exercise Physiology (KP-3)	3
KINT 4355	ExRx for Special Populations (KP 4)	3
Professional Preparation		3
Communication Core		3

Free Elective 3

Hours **15**

Spring

KINT 4357	Health Risk Appraisal (KP-5)	3
Free Elective		3
Free Elective		3
Professional Preparation		3

Hours **12**

Total Hours **120**