

Utah State University
Department of Kinesiology and Health Sciences
Kinesiology: PrePhysical Therapy 2020-2021

GENERAL EDUCATION and UNIVERSITY STUDIES

Competency Requirements	Breadth Requirements (1000 or 2000 level course)	Depth Education Requirements (3000 or higher level course)
<input type="checkbox"/> CL1: ENGL 1010 <input type="checkbox"/> CL2: ENGL 2010 <input type="checkbox"/> QL: MATH 1050 or MATH 1100 or acceptable AP, CLEP, IBO, ACT, or SAT score	<input type="checkbox"/> Creative Arts (BCA) _____ <input type="checkbox"/> Humanities (BHU) _____ <input type="checkbox"/> Life Sciences (BLS) _____ <input type="checkbox"/> Physical Sciences (BPS) CHEM 1220 <input type="checkbox"/> Social Sciences (BSS) PSY 1010 <input type="checkbox"/> American Institutions (BAI) <input type="checkbox"/> Exploration: Any BAI, BHU, BCA, BSS, BPS, BLS course PHYS 2120	<input type="checkbox"/> Communications Intensive (CI) _____ <input type="checkbox"/> Communications Intensive (CI) _____ <input type="checkbox"/> Quantitative Intensive (QI) PEP 4200/4400 <input type="checkbox"/> Humanities and Arts (DHA) _____ <input type="checkbox"/> Social Science (DSS) _____ <i>For courses that fulfill Breadth and Depth requirements, consult the USU Catalog or Registration XE.</i>
Additional Graduation Requirements: Total credits: 120 credits minimum Total credits C- or better: 100 credits Upper-division credits (3000 level or above): 40 credits USU credits (20 upper-division, 10 req. by major): 30 credits USU gpa: 2.0 or better; Overall gpa: 3.0 or better		Note: Students are responsible for all major/minor requirements and should familiarize themselves with course prerequisites. Requirements for graduation can be tracked in DegreeWorks . Additional questions can be directed to the KHS Advising Office through e-mail (khsadvising@usu.edu) or by appointment. For appointment go to: cehs.usu.edu/advising

MAJOR REQUIREMENTS (Total credits: 75-77)

Acceptance into major: New freshmen, also, transfer students and students from other USU majors who have at least a **3.0** overall GPA, qualify to enter the Kinesiology: PrePT major. Students must also have a 3.0 gpa to graduate in this major. Please note, we cannot guarantee in which semester a course will be taught. *Check Banner registration Access and/or discuss your schedule with your advisor*

A. Prerequisites: 15 credits

Note: These courses are prerequisite for certain courses in the emphasis but do not have to be completed before admission to the major. A complete description of course prerequisites will be found in the USU Catalog or on Registration XE.

Must complete all of the following requirements:		Semester	Cr.	Prerequisite and notes
<input type="checkbox"/>	BIOL 2320	Human Anatomy	Sp, Su	4 Note: also taught in Brigham City all semesters. Background in human biology recommended.
<input type="checkbox"/>	BIOL 2420	Human Physiology	F, Sp, Su	4 See USU catalog.
<input type="checkbox"/>	PSY 1010 (BSS)	General Psychology*	F, Sp, Su	3
<input type="checkbox"/>	MATH 1050 (QL)	College Algebra or ACT >25	F, Sp, Su	4 See USU catalog.

B. Professional Foundation: 30 credits

<input type="checkbox"/>	KIN 2020	Introduction to Physical Therapy**	F, Su	2	
<input type="checkbox"/>	KIN/PE 3000	Principles of Fitness*/**	F, Sp, Su	3	
<input type="checkbox"/>	KIN 3100	Athletic Injuries*/**	F, Sp, Su	3	
<input type="checkbox"/>	KIN 3250	Anatomical Kinesiology*/**	F, Sp, Su	3	KIN 2000 or 2020, BIOL 2320
<input type="checkbox"/>	KIN 4100	Exercise Physiology**	F, Sp, Su	4	BIOL 2320, BIOL 2420, KIN 2000 or 2020, STAT 1040 or 1045 or MATH 1050 or ACT Math 25+
<input type="checkbox"/>	KIN 4200 (QI)	Biomechanics*/**	F, Sp, Su	4	BIOL 2320, BIOL 2420, KIN 3250, STAT 1040 or 1045 or MATH 1050 or ACT Math 25+
<input type="checkbox"/>	KIN 4250	Advanced Cooperative Work Experience	F, Sp, Su	4	Variable credit available up to 10 credits.
<input type="checkbox"/>	KIN 4400 (QI)	Evaluation in Kinesiology*	F, Sp, Su	3	PEP 2000 or 2020 and enrollment in a major in KHS.
<input type="checkbox"/>	KIN 5100	Fitness Assessment & Exercise Programs**	F, Sp, Su	4	KIN 4100 must be taken BEFORE KIN 5100. May not be taken concurrently.

C. Professional Development: 30-32 credits

Area 1: Biology: 4 credits (including lab) It is the student's responsibility to verify which biology courses are required for the particular graduate schools they are interested in. Some schools require both BIOL 1610/1615 AND BIOL 1620/1625.

Recommended Courses

<input type="checkbox"/>	BIOL 1610 and 1615	Biology I	F	3/1	Lab is required and should be taken concurrently.
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Alternate and/or Additional Biology Courses

<input type="checkbox"/>	BIOL 1620 and 1625(BLS)	Biology II	Sp	3/1	BIOL 1610 and 1615; Lab is required and should be taken concurrently.
<input type="checkbox"/>	BIOL 2060	Elementary Microbiology	F	4	See USU catalog.
<input type="checkbox"/>	BIOL 3060 (QI)	Principles of Genetics	F, Sp, Su	4	See USU catalog.
<input type="checkbox"/>	BIOL 3300	General Microbiology	F, Sp	4	See USU catalog.

Area 2: Chemistry: 10 credits

<input type="checkbox"/>	CHEM 1210	Principles of Chemistry I	F, Sp	4	Math ACT of 25, or MATH 1050 or higher, or corequisite of MATH 1050. High school chemistry or CHEM 1010 strongly recommended.
<input type="checkbox"/>	CHEM 1215	Chemistry Principles Laboratory I	F, Sp	1	CHEM 1210 (may be taken concurrently)
<input type="checkbox"/>	CHEM 1220 (BPS)	Principles of Chemistry II	F, Sp, Su	4	CHEM 1210
<input type="checkbox"/>	CHEM 1225	Principles of Chemistry II Laboratory	F, Sp	1	CHEM 1215 and CHEM 1220 (may be taken concurrently)

Area 3: Mathematics and Statistics: 5 credits minimum

Choose one Calculus course (AP Calculus scores may or may not apply, check with individual school)

<input type="checkbox"/>	Math 1060	Trigonometry	F, Sp, Su	2	See USU catalog.
<input type="checkbox"/>	Math 1100 (QL)	Calculus Techniques*	F, Sp, Su	3	See USU catalog.
<input type="checkbox"/>	Math 1210 (QL)	Calculus I	F, Sp, Su	4	See USU catalog.

Choose one Statistics course

<input type="checkbox"/>	STAT 2000 (QI)	Statistical Methods	F, Sp, Su	4	See USU catalog.
<input type="checkbox"/>	STAT 2300 (QL)	Business Statistics	F, Sp, Su	4	See USU catalog.
<input type="checkbox"/>	STAT 3000 (QI)	Statistics for Scientists	F, Sp, Su	3	Math 1100 or Math 1210

Area 4: Physics: 8 credits

<input type="checkbox"/>	PHYS 2110	General Physics - Life Sciences I	F	4	Math 1060 or 1100 or 1210
<input type="checkbox"/>	PHYS 2120 (BPS)	General Physics - Life Sciences II	Sp	4	PHYS 2110 and Math 1060 or 1100 or 1210

Area 5: Psychology: 3 credits minimum

<input type="checkbox"/>	PSY 2100	Developmental Psy: Adolescence*	Sp	3	PSY 1010 Course offered odd years.
<input type="checkbox"/>	PSY 3210 (DSS)	Abnormal Psychology*	F, Sp, Su	3	PSY 1010

Note: Some Physical Therapy graduate programs may require additional coursework for admission. Students can verify prerequisites for the particular program they are interested in here: ptcas.org, and on individual program websites. Many, if not most, PT schools require all prerequisite Math and Science courses be completed before applying to graduate school. The GRE is also a prerequisite for most PT schools.