

B.S. in Kinesiology - Allied Health Professions (AHP)

Last updated: March 10, 2025

GE units required: 49

Major units required: 71 (this page)

Total units required for graduation: 120

[See website to determine whether course is offered in the Fall or Spring semester](#)



KINESIOLOGY CORE REQUIREMENTS: 35 UNITS - does not include BIOL 2240 (4 units) or GE B4 (3 units) because they're already counted as GEs

	Course Number	Course Name	Units	Prerequisites	Notes
Lower-division (LD) (12 units)	BIOL 2230	Human Anatomy & Physiology I	4		
	BIOL 2240	Human Anatomy & Physiology II	4	BIOL 2230	Counts toward GE B2
	MATH	GE Category B4	3		Counts toward GE B4; Suggest: ES/PEAPE (MATH 1301), AHP (MATH 1301, 1401, 1601, or 2210)
	KINE Activity	2 units of LD activity (1-unit per course x 2)	2		PEAPE: Take KINE 2610 (Teaching/Coaching for Dance) instead (counts as 2 units)
	KINE 2100	Orientation to Kinesiology	3		
	KINE 2700	Introduction to Fitness and Programming	3		Prep course for ACSM/NSCA Certified Personal Trainer (CPT) Exam; CPR Certification Required
Upper-division (UD) (23 units)	KINE 3100	Introduction to Adapted Physical Activity	3		
	KINE 3200	Principles of Human Movement	3	BIOL 2240	All students need this
	KINE 3400	Psychology & Sociology of Human Movement	3		
	KINE 3500	Motor Development Across the Lifespan	3		
	KINE 3700	Statistics in Kinesiology (WI)	3	GE B4	WI: Counts as GE Writing-Intensive designation
	KINE 3800	Exercise Physiology w/Lab	4	BIOL 2240	
	KINE 4100	Motor Learning & Control	3		
	KINE 4200	Seminar in Kinesiology	1	Senior Standing	

CONCENTRATION REQUIREMENTS - ALLIED HEALTH PROFESSIONS: 30 UNITS - does not include PSYC 1100 (3 units) & CHEM 2100 (3 units) because they're already counted as GEs

AHP Core (24 units)	KINE 4800	Biomechanics w/Lab	4	GE B4, KINE 3200		
	PSYC 1100	Introduction to Psychology	3		Counts toward GE D3	
	Pick one:	PSYC 3390	Abnormal Psychology	3	PSYC 1100	
		OR				
		PSYC 2201	Developmental Psychology	3	PSYC 1100	
	CHEM 2100	General Chemistry I	4	MATH 1401, 1403, 1601, 1603, 2210	Counts toward GE B1 (3 units); prerequisite can be taken concurrently	
	CHEM 2100L	General Chemistry I Lab	1			
	CHEM 2200	General Chemistry II	4	CHEM 2100 (≥C grade)		
	CHEM 2200L	General Chemistry II Lab	1			
	Choose Group A, B, or C (10-units):					
	Group A	PHYS 2000	Introduction to Physics I	4	MATH 1601 or 2210 (≥C grade)	
		PHYS 2000L	Introduction to Physics I Lab	1	coreq: PHYS 2000	
		PHYS 2010	Introduction to Physics II	4	PHYS 2000	
		PHYS 2010L	Introduction to Physics II Lab	1	PHYS 2000, PHYS 2000L; coreq: PHYS 2010	
	OR					
	Group B	PHYS 2500	General Physics I	4	MATH 2210; coreq: MATH 2220	
		PHYS 2500L	General Physics I Lab	1	MATH 2210; coreq: MATH 2220 & PHYS 2500	
		PHYS 2510	General Physics II	4	MATH 2220 & PHYS 2500	
		PHYS 2510L	General Physics II Lab	1	MATH 2220, PHYS 2500, PHYS 2500L; coreq: PHYS 2510	
	OR					
	Group C (PA programs)	BIOL 2200	Microbiology for Allied Health Majors w/Lab	4		BIOL 1000 strongly recommended
		BIOL 3050	Human Genetics and Genomics	3		
		CHEM 2400	Organic Chemistry I	3	CHEM 2200 (≥C grade), CHEM 2200L	

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ALLIED HEALTH PROFESSIONS CONCENTRATION REQUIREMENTS: 30 UNITS - does not include PSYC 1100 (3 units) & CHEM 2100 (3 units) because they're already counted as GEs

Course Number	Course Name	Units	Prerequisites	Notes
BIOL 2010	Principles of Biology I w/Lab	5	CHEM 2100 (≥C grade)	
BIOL 2020	Principles of Biology II w/Lab	5	BIOL 2010 (≥C grade)	
BIOL 3300	Genetics w/Lab	4	BIOL 2020 (≥C grade), CHEM 2300 or 2400	CHEM 2300 or 2400 can be taken concurrently
CHEM 2400	Organic Chemistry I	3	CHEM 2200 (≥C grade), CHEM 2200L	
CHEM 2400L	Organic Chemistry I Lab	1	CHEM 2200 (≥C grade), CHEM 2200L, CHEM 2300 or 2400	CHEM 2300 or 2400 can be taken concurrently
CHEM 2500	Organic Chemistry II	3	CHEM 2400 (≥C grade)	
CHEM 2500L	Organic Chemistry II Lab	1	CHEM 2400 (≥C grade), CHEM 2400L, CHEM 2500	CHEM 2500 can be taken concurrently
KINE 2200	Medical Terminology	3		
KINE 2300	Prevention & Care of Athletic Injuries	3	BIOL 2240	
KINE 2500	Observational Field Experience in Kinesiology	2		Must have site agreement prepared within 2 weeks of semester
KINE 3600	Physical Activity & Aging	3		
KINE 3810	Sports & Exercise Nutrition	3		
KINE 4400	Exercise Testing & Prescription w/Lab	4	KINE 3800	Prep course for ACSM Certified Exercise Physiologist (EP) Exam
KINE 3900	Health & Fitness Business Management	3		
KINE 4500	Principles of Strength & Conditioning	3	KINE 3200 & 3800	Prep course for NSCA Certified Strength & Conditioning Specialist (CSCS) Exam
KINE 4600	EKG Interpretation & Stress Testing w/Lab	4	KINE 3800	
KINE 4700	Clinical Exercise Physiology w/Lab	4	KINE 3800	
Other Electives (9)	Free electives= 6 units and History, Constitution, Government= 3 units		Choose courses that might benefit future career path, such as other courses that are prerequisites for future graduate program	


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