

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

Last updated: October 25, 2023

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	Quarter Equivalent	Notes
Lower-division (LD)	BIOL 2230	Human Anatomy & Physiology I	4		BIOL 223	
	BIOL 2240	Human Anatomy & Physiology II	4	BIOL 2230	BIOL 224	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		KINE activity	PEAPE: Take KINE 2610 (Teaching/Coaching for Dance) instead (counts as 2 units)
	KINE 2100	Orientation to Kinesiology	3		KINE 210 & 310	
Upper-division (UD) (23 units)	KINE 2700	Introduction to Fitness and Programming	3		KINE 270	Prep course for ACSM/NSCA Certified Personal Trainer (CPT) Exam; CPR Certification Required
	KINE 3100	Introduction to Adapted Physical Activity	3		KINE 311	
	KINE 3200	Principles of Human Movement	3	BIOL 2240		All students need this
	KINE 3400	Psychology & Sociology of Human Movement	3		KINE 323 & 324	
	KINE 3500	Motor Development Across the Lifespan	3		KINE 325	
	KINE 3700	Statistics in Kinesiology (WI)	3	GE B4	KINE 370	WI: Counts as GE Writing-Intensive designation
	KINE 3800	Exercise Physiology w/Lab	4	BIOL 2240	KINE 481	
	KINE 4100	Motor Learning & Control	3		KINE 410	
	KINE 4200	Seminar in Kinesiology	1	Senior Standing	KINE 490	

## CONCENTRATION REQUIREMENTS - ALLIED HEALTH PROFESSIONS: 36 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	KINE 480		
	PSYC 1100	Introduction to Psychology	3		PSYC 100	Counts toward GE D3	
	PSYC 3390	Abnormal Psychology	3	PSYC 1100	PSYC 390		
	CHEM 2100	General Chemistry I	4	MATH 1401, 1403, 1601, 1603, 2210	CHEM 215	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 216		
	CHEM 2200L	General Chemistry II Lab	1				
	PHYSICS - Choose either 10-unit bundle below:						
	Bundle A	PHYS 2000	Introduction to Physics I	4	MATH 1601 or 2210 (≥C grade)	PHYS 121 & 122 PHYS 122 & 123	
		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		
	<b>OR</b>						
	Bundle B	PHYS 2500	General Physics I	4	MATH 2210 coreq: MATH 2220	PHYS 221 & 222 PHYS 222 & 223	
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			

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## ALLIED HEALTH PROFESSIONS CONCENTRATION REQUIREMENTS: 36 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	Quarter Equivalent	Notes
BIOL 2010	Principles of Biology I w/Lab	5	CHEM 2100 (≥C grade)	BIOL 200 & 201	
BIOL 2020	Principles of Biology II w/Lab	5	BIOL 2010 (≥C grade)	BIOL 201 & 202	
BIOL 2200	Microbiology for Allied Health Majors w/Lab	4		BIOL 220	BIOL 1000 strongly recommended
BIOL 3300	Genetics w/Lab	4	BIOL 2020 (≥C grade), CHEM 2300 or 2400	BIOL 423	CHEM 2300 or 2400 can be taken concurrently

AHP Electives (3 units)	CHEM 2400	Organic Chemistry I	3	CHEM 2200 (≥C grade), CHEM 2200L	CHEM 221 & 222	
	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 222 & 223	
	CHEM 2500L	Organic Chemistry II Lab	1	CHEM 2400 (≥C grade), CHEM 2400L, CHEM 2500		CHEM 2500 can be taken concurrently
	PSYC 2201	Developmental Psychology	3	PSYC 1100		
	KINE 2200	Medical Terminology	3			
	KINE 2300	Prevention & Care of Athletic Injuries	3	BIOL 2240	KINE 305	
	KINE 2500	Observational Field Experience in ES/AHP	2		KINE 493	Must have site agreement prepared before beginning term
	KINE 3600	Physical Activity & Aging	3		KINE 360	
	KINE 3810	Sports & Exercise Nutrition	3		KINE 382	
	KINE 4400	Exercise Testing & Prescription w/Lab	4	KINE 3800	KINE 486 & 483	Prep course for ACSM Certified Exercise Physiologist (EP) Exam
	KINE 3900	Health & Fitness Business Management	3		KINE 471	
	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 485 & 486	
KINE 4700	Clinical Exercise Physiology w/Lab	4	KINE 3800			
Other Electives (9)	Students must take 9 units of any course to meet this requirement.				Choose courses that might benefit future career path, such as other courses that are prerequisites for future graduate program	



[Who is My Advisor?](#)