

B.S. in Kinesiology - Exercise Science (ES)

GE units required: 43

Major/Elective units required: 77 (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: 32 UNITS - does not include BIOL 2240 (4 units), GE B4 (3 units), KINE 3050 (GE UD-4) because they're already counted as GEs					
Course Number	Course Name	Units	Prerequisites	Notes	
(13 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 2613 (Teaching/Coaching for Dance + gymnastics) instead (counts as 2 units)	
	KINE 2100 Orientation to Kinesiology	3			
Lower-division (LD)	KINE 2510 Research Seminar in Kinesiology	1		previously 3510	
	KINE 2700 Introduction to Fitness and Programming	3		Prep course for ACSM/NSCA Certified Personal Trainer (CPT) Exam; CPR cert. required by completion	
	KINE 3050 Disability, Physical Activity, and Society	3		Counts toward GE- UD-4	
(19 units)	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			
	CONCENTRATION REQUIREMENTS - EXERCISE SCIENCE:30 UNITS				
	ES Core (18 units)	KINE 2300 Prevention & Care of Athletic Injuries	3	BIOL 2240	
		KINE 3600 Physical Activity & Aging	3		
KINE 3810 Sports & Exercise Nutrition		3			
KINE 4200 Seminar in Kinesiology		1	Senior Standing		
KINE 4400 Exercise Testing & Prescription w/Lab		4	KINE 3800	Prep course for ACSM Certified Exercise Physiologist (EP) Exam	
KINE 4800 Biomechanics w/Lab		4	GE B4, KINE 3200		
KINE 2200 Medical Terminology		3		Online only	
KINE 2400 Applications of Technology in Kinesiology		1			
(choose 12 units)	KINE 2500 Observational Field Experience in ES/AHP	2		Must have site agreement prepared within 2 weeks of semester	
	KINE 3250 Exercise Techniques for Resistance Training w/l	3	BIOL 2240	Offered in Fall semester only.	
	KINE 3900 Health & Fitness Business Management	3			
	KINE 4500 Principles of Strength & Conditioning	3	KINE 3200 & 3800	Offered in Spring semester only. 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	Offered in Spring semester only.	
	Free Electives 12 units				
	Grad Requirement= 3 units (History, Constitution, Government)				
Choose courses that might benefit future career path, such as other kinesiology courses to prepare for ACSM EP or					

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