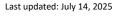
## **B.S. in Kinesiology - Exercise Science (ES)**

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.



		CORE REQUIREMENTS: 35 UNITS - does not include	BIOL	2240 (4 units) or G	E B4 (3 units) because they're already counted as GEs	
	Course Number	Course Name	11	Prerequisites	し 設定では # 1  Notes	
r	BIOL 2230	Human Anatomy & Physiology I	Units 4	Frerequisites	Notes	
Lower-division (LD) (12 units)	BIOL 2230 BIOL 2240	Human Anatomy & Physiology II	4	BIOL 2230	Counts toward GE B2	
	MATH	GE Category B4	3	DIOL 2230	Counts toward GE B2 Counts toward GE B4; Suggest: ES/PEAPE (MATH 1301), AHP (MATH 1301, 1401, 1601, or 2210)	
		2 units of LD activity (1-unit per course × 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 cert. required by completion	
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 - EXERCISE SCIENCE: 27 UNITS					
ES Core (17 units)		•	3	BIOL 2240		
		Prevention & Care of Athletic Injuries		BIOL 2240		
	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 4800	Biomechanics w/Lab	4	GE B4, KINE 3200		
ES Electives (choose 10 units)	KINE 2200	Medical Terminology	3		Online only	
	KINE 2400	Applications of Technology in Kinesiology	1			
	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/Lab	3	BIOL 2240	Offered in <b>Fall</b> semester only.	
	KINE 3510	Research Seminar in Kinesiology	1			
	KINE 3900	Health & Fitness Business Management	3			
	KINE 4300	Environmental Exercise Physiology	3	KINE 3800	Offered in <b>Fall</b> semester only.	
	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 <b>Spring</b> semester only.	
	Free Electives 15 UNITS					
Other Electives (15 units)					Choose courses that might benefit future career path, such as other kinesiology courses to prepare for ACSM EP or NSCA CSCS exam	
	Who is My Advisor?					

Who is My Advisor?