

# KINESIOLOGY; EXERCISE SCIENCE (KINE) MAJOR

Exercise Science is the most common major among students entering Physical Therapy school. It is a study of body movements and body response to physical activity. It integrates many disciplines such as physics, human anatomy and physiology, biomechanics, and kinesiology to study the process of physical activity in relation to health, fitness, and wellness. The development of exercise science track had started as a response to students' feedback and inquiry. Degree in exercise science will allow students to seek employment in the areas of the sport and wellness, like fitness centers, athletic coaching/training, and recreational sports. Exercise Science is intended to be offered in the traditional weekday college time-frame, as a broad field track within the Kinesiology program.

## Requirements

Code	Title	Credits
<b>Beginning Requirements</b>		
DA-115	Fundamentals of Voice & Movement	2
or TA-115	Fundamentals of Voice & Movement	
DA-130	Contemporary Dance Technique 1	2
MT-123	College Algebra	3
MT-124	Trigonometry	2
CH-213 & 213L	Chemistry of Bioorganic Molecules and Chemistry of Bioorganic Molecules Lab	4
BI-231 & 231L	and Human Anatomy & Physiology I Lab	4
BI-251 & 251L	Microbiology and Microbiology Lab	4
<b>Intermediate Requirements</b>		
DA-210	Improvisation:Creative Approach Perform	2
DA-230	Contemporary Dance Technique 2	2
PSY-250	Abnormal Psychology	4
PH-231 & 231L	Algebra-Based Physics I and Physics Lab	4
PH-232 & 232L	Algebra-Based Physics 2 and Physics 2 Lab	4
BSC-257	Statistics for Health Professionals	4
KIN-300	Biomechanics	4
BI-331	Anatomy & Physiology II	4
KIN-399	Formal Introduction to Advanced Work	0
<b>Advanced Requirements</b>		
BI-325 & 325L	Cellular Biology and Cellular Biology Lab (or BI-361 & BI-361L)	4
BI-341	Ecology	4
INTERN-383	Internship Seminar	2
KIN-410	Anatomy & Physiology for Exercise Physio	4