

**BACHELOR OF SCIENCE (BS) IN EXERCISE PHYSIOLOGY
DEPARTMENT OF KINESIOLOGY
CALIFORNIA STATE UNIVERSITY, CHICO**

Course	Course Title <i>Prerequisites</i>	Transfer Course And Institution	Semester Completed	In Progress or Planned	Units	Grade
Lower Division Requirements: 26 Units						
5 Courses Required:						
BIOL 103	Human Anatomy				4	
BIOL 104	Human Physiology				4	
KINE 105	Introduction to Kinesiology				1	
MATH 105	Introduction to Statistics				3	
PHYS 202A	General Physics I <i>Note: Concurrent enrollment in PHYS 102 if prerequisites are not met</i>				4	
2 Courses Selected From:						
CHEM 107	General Chemistry for Applied Sciences				4	
CHEM 108	Organic Chemistry for Applied Sciences <i>Prerequisites: CHEM 107 or CHEM 111</i>				4	
<i>OR</i>						
CHEM 111	General Chemistry I				4	
CHEM 112	General Chemistry II <i>Prerequisites: CHEM 111 with C- or higher</i>				4	
Lower Division Physical Activity Requirement						
2 Courses Selected From:						
KINE 111-195	Students are required to take 2 units of KINE 100 level activity courses. <i>NOTE: Activity courses taken at other colleges or universities can be used to satisfy this requirement.</i>				2	
Upper Division Requirements: 35 Units						
9 Courses Required:						
KINE 320W	Foundations of Exercise & Sport Psychology <i>Prerequisite: ENGL 130</i>				3	
KINE 322	Biomechanics <i>Prerequisite: BIOL 103 with C- or higher</i>				4	
KINE 323	Exercise Physiology <i>Prerequisite: BIOL 104 with C- or higher</i>				4	
KINE 386	Sports Epidemiology				3	
KINE 390	Principles of Strength & Conditioning <i>Prerequisites: KINE 323</i>				3	
KINE 480	Exercise Testing and Prescription <i>Prerequisites: KINE 323</i>				3	
KINE 482	Exercise Pathophysiology <i>Prerequisites: KINE 323</i>				3	
KINE 485	Seminar in Sports Medicine <i>Prerequisites: BIOL 103 or KINE 202, KINE 323 (may be taken concurrently)</i>				3	
NFSC 303	Nutrition and Physical Fitness <i>Prerequisites: One lower-division course in biological sciences</i>				3	

1 course selected from:						
CHEM 350	Biochemistry Prerequisites: CHEM 108				3	
KINE 324	Exercise Metabolism <i>Prerequisites: KINE 323</i>				3	
1 course selected from:						
KINE 505	Exercise Behavior and Adherence <i>Prerequisites: KINE 320W</i>				3	
KINE 524	Biomechanical Analysis <i>Prerequisite: KINE 322</i>				3	
KINE 530	Advanced Principles of Strength and Conditioning <i>Prerequisites: KINE 322, KINE 323, KINE 390 with a grade of C+ or higher.</i>				3	
3 courses selected from:						
BIOL 162	Principles of Cellular and Molecular Biology <i>Prerequisites: CHEM 107 or CHEM 111</i>				4	
BIOL 211	Allied Health Microbiology <i>Prerequisites: BIOL 103, BIOL 104, BIOL 162 OR SCED 102; CHEM 107, CHEM 108 OR CHEM 111</i>				4	
BIOL 302W	Evolution <i>Prerequisite: One biological sciences course</i>				3	
BIOL 303	Human Genetics <i>Prerequisite: One biological sciences course</i>				3	
BIOL 322W	Science and Human Values <i>Prerequisite: One biological sciences course</i>				3	
BIOL 345	Health and Lifestyle Diseases <i>Prerequisites: One biological sciences source</i>				3	
BIOL 418	Neurophysiology <i>Prerequisites: BIOL 162, BIOL 163; CHEM 108 OR CHEM 270. Spring Only</i>				4	
KINE 315	Introduction to Adapted Physical Education				3	
KINE 316	Principles of Sports Injury Management <i>Prerequisite: BIOL 103 or KINE 202</i>				3	
KINE 335	Youth Fitness				3	
KINE 388	Personal Training <i>Prerequisites: KINE 323</i>				3	
KINE 489	Internship Seminar <i>Prerequisites: At least a junior standing and faculty permission</i>				3	
PSYC 381	Abnormal Psychology				3	
PHYS 202B	General Physics II <i>Prerequisite: PHYS 202A with C- or higher</i>				4	