

## 2009-11 Cal Poly Catalog

Kinesiology Department**BS KINESIOLOGY**Flowchart

☐ 60 units upper division

☐ GWR

☐ 2.0 GPA

☐ USCP

\* = Required in Major; also satisfies GE

Course sequencing: See flowcharts at

[www.csmadvising.calpoly.edu](http://www.csmadvising.calpoly.edu)

Note: No major, support or concentration courses may be taken as credit/no credit.

**MAJOR COURSES**

<sup>1</sup> KINE 208–KINE 229 Professional Activity .....	6
KINE 250 Health Education (D4)* <i>or</i> KINE 255 Personal Health: A Multicultural Approach (D4)* (USCP).....	4
KINE 270 Orientation to Kinesiology .....	4
KINE 280 First Aid/CPR .....	1
KINE 301 Functional Muscle Anatomy.....	1
KINE 302 Biomechanics.....	4
KINE 303 Physiology of Exercise .....	4
KINE 402 Motor Learning and Control.....	4
KINE 407 Adapted Physical Activity .....	4
KINE 411 Psycho/Social Aspects of Physical Act	4
KINE 451 Nutrition for Fitness and Sport .....	5
KINE 461 Senior Project (1) <i>or</i> KINE 462 Honors Senior Project (2-4) .....	1-4
MATH 119 Pre-Calculus Trigonometry (B1)* .....	4
PHYS 118 Introductory College Physics .....	4
STAT 217 Intro to Statistical Concepts and Methods <i>or</i> STAT 218 Applied Statistics-Life Sciences (B1)* .....	4
ZOO 331, 332 Human Anatomy & Physiol I, II (transfer equivalent ZOO 231, 232) .....	5,5
Concentration courses (see below) (B2)* .....	48-60
	<b>112-127</b>

**GENERAL EDUCATION (GE)**

72 units required, 20 of which are specified in Major.

→See page 50 for complete GE course listing.

→Minimum of 12 units required at the 300 level.

**Area A Communication (12 units)**

A1 Expository Writing .....	4
A2 Oral Communication .....	4
A3 Reasoning, Argumentation, and Writing.....	4

**Area B Science and Mathematics (no add'l units req'd)**

B1 Mathematics/Statistics * 8 in Major .....	0
B2 Life Science * 4 in concentration .....	0
B3 Physical Science * 4 in concentration.....	0
B4 One lab taken with either a B2 or B3 course	

**Area C Arts and Humanities (20 units)**

C1 Literature .....	4
C2 Philosophy .....	4
C3 Fine/Performing Arts .....	4
C4 Upper-division elective .....	4
Area C elective (Choose one course from C1-C4)	4

**Area D/E Society and the Individual (16 units)**

D1 The American Experience (40404) .....	4
D2 Political Economy .....	4
D3 Comparative Social Institutions .....	4
D4 Self Development (CSU Area E) * 4 in Major	0
D5 Upper-division elective (not in KINE).....	4

**Area F Technology Elective (upper division) (4 units)****52****ELECTIVES .....****1-16****180****CONCENTRATIONS (select one)**<sup>1</sup> **Exercise Science and Health Promotion Concentration**

KINE 218 Aquatics .....	2
KINE 219 Progressive Resistive Strength Training	1
KINE 304 Pathophysiology and Exercise.....	3
KINE 319 Measurement and Evaluation in Kine	4
KINE 401 Managing Kinesiology Programs .....	3
KINE 408 Exercise and Health Gerontology.....	4
KINE 434 Health Promotion Program Planning.....	4
KINE 463 Clinical and Worksite Health Promotion Field Work .....	3

<sup>2</sup> **BIO 111/BIO 115/BIO 161 (B2/B4)\* .....**

Students select one of the following tracks.....	26-32
<sup>2</sup> <i>Clinical Exercise Science Track (26-27)</i> KINE 445; <b>446 or 406</b> ; 452; CHEM 111 <i>or</i> 127 (B3); 312; 313 ( <b>5/29/09</b> )	

*Worksite Commercial Health and Fitness Track (28)*KINE 354, 445, 450, 452; BUS 387; CHEM 110  
(B3)\*; COMS 301; JOUR 312*Health Education Specialist Track (30-32)*KINE 305, 354, 405, 443, 450; CHEM 110 *or*  
111 (B3); COMS 418; FSN 210, MCRO 221**54-60**

**Teaching Concentration** is inactive effective **Summer 2009**. The faculty are redesigning the curriculum in response to logistical and professional circumstances that impact the training of physical education teachers. A revised concentration is planned for 2011. Please contact the department for more information.

**Teaching Concentration**

<del>KINE 218 Aquatics.....</del>	<del>2</del>
<del>KINE 300 Planning Techniques in PE.....</del>	<del>3</del>
<del>KINE 306 Assessment in K-12 Physical Education</del>	<del>3</del>
<del>KINE 308 Motor Development .....</del>	<del>3</del>
<del>KINE 309 Creative and Non-Traditional Games.....</del>	<del>3</del>
<del>KINE 315 Field Sports .....</del>	<del>3</del>

<sup>1</sup> Students following the Exercise Science and Health Promotion Concentration should take KINE 212, KINE 220, KINE 227 and KINE 228.

<sup>2</sup> Students interested in careers in the health professions should take BIO 161 in lieu of BIO 111/115, and CHEM 127 in lieu of CHEM 111.

KINE 316 Net/Wall Games (removed 5/29/09) .....	3
KINE 396 Outdoor Education .....	3
KINE 419 Physical Education Program Content in Elementary School .....	3
KINE 421 Strategies for Teaching PE .....	3
KINE 422 Teaching Elementary School PE .....	4
KINE 423 Teaching Middle School PE .....	4
KINE 425 Teaching High School PE .....	4
KINE 443 Health Education for Teachers .....	4
BIO 111 General Biology (B2&B4)* .....	4
CHEM 110 World of Chemistry (B3)* .....	4
DANC 381 Methods of Teaching Dance .....	4
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### Individualized Course of Study

KINE 218 Aquatics .....	2
BIO 111 General Biology <i>or</i> BIO 161 Intro to Cell and Molecular Biology (B2&B4)* .....	4
CHEM 110 <i>or</i> CHEM 111 <i>or</i> CHEM 127 (B3)* ....	4/5
Advisor approved electives .....	38
Select from the following: KINE 304, 405, 406, 445, 446; ANT 201; ART 101, 148; BIO 162; BIO 302/303/351; CHEM 128, 129, 312, 313, 316, 317, 318, 371; COMS 212, 418; FSN 210, 310, 315, 416; MCRO 224; PHIL 339; PHYS 122, 123; PSY 201/202, 256, 317, 330, 405; SCM 451; SOC 110	
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