

Kinesiology/Physical Education

LOWER-DIVISION TRANSFER PATTERN

California State University (CSU) Statewide Pattern

The Lower-Division Transfer Pattern (LDTP) consists of the CSU statewide pattern of coursework outlined below, plus campus-specific coursework, bringing the total pattern to at least 60 but no more than 70 transferable semester units for students to complete at a California Community College (CCC).

The CSU statewide pattern of coursework for CCC students who plan to major in Kinesiology or Physical Education at any CSU campus offering the major includes:

- Completion of lower-division general education requirements, following either the CSU General Education Breadth or the Intersegmental General Education Transfer Curriculum (IGETC) pattern;
- Completion of the CSU graduation requirements in United States History, Constitution and American Ideals; and
- Completion of fifteen additional semester units as specified in (3) and (4) below.

Please note that the information here is an academic and curricular advising tool: a roadmap that enables transfer students to efficiently and effectively progress towards the CSU baccalaureate degree in a specified discipline. California Community College students should work closely with their advisers when planning their academic program in preparation for transfer to the CSU.

This information does not represent any guarantee with regard to admission nor does it include or replace CSU campus admissions impactation criteria (see <http://www.calstate.edu/AR/impactioninfo.shtml>). These curricular guidelines are subject to change.

| CSU Statewide Pattern | Semester Unit Requirement |
|--|---|
| <p>(1) Complete lower-division general education requirements.</p> <p>Obtain a certification of completion of CSU GE Breadth or IGETC by the California Community college before transferring to a CSU campus. While completing general education, follow the pattern stated below.</p> <p><i>A minimum grade of C is required in courses used to meet CSU GE Breadth AREAS A and B4.</i> <i>A minimum grade of C is required in each course used for IGETC.</i></p> | <p>39 units for CSU GE Breadth <i>or</i> 37 units for IGETC</p> |
| <p>(2) Complete the graduation requirements in United States History, Constitution and American Ideals.</p> <p>These are typically completed with one course each in American government and American history, or a sequence of courses that integrate the history and government topics.</p> <p><i>Courses used to meet this requirement may be used to complete CSU GE Breadth AREA D.</i></p> | <p>0 units</p> |
| <p>(3) Complete General Anatomy, with Lab, [CAN BIOL 10].</p> <p><i>Courses used to satisfy this requirement may <u>not</u> be used to satisfy CSU GE Breadth Area Requirements or IGETC.</i></p> | <p>4 units</p> |
| <p>(4) Complete General Physiology, with Lab, [CAN BIOL 12].</p> <p><i>Courses used to satisfy this requirement may <u>not</u> be used to satisfy CSU GE Breadth Area Requirements or IGETC.</i></p> | <p>4 units</p> |
| <p>Total Semester Units Required for Statewide LDTP Pattern</p> | <p>45-46 units</p> |

**Kinesiology/Physical Education
LOWER-DIVISION TRANSFER PATTERN
CSU Bakersfield Campus-Specific Pattern**

In addition to the statewide pattern, the following is the CSU Bakersfield campus-specific pattern in Kinesiology/Physical Education:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|---|
| <p>(1) If not taken as part of the statewide pattern complete at <u>all</u> of the following:</p> <ul style="list-style-type: none"> • A course that articulates with [CSUB PEAK 200], Perspectives in Physical Education and Kinesiology - An introduction and orientation to the fields within physical education and kinesiology in terms of an historical perspective and professional/career opportunities. <u>And</u> • A course that articulates with [CSUB PEAK 290], Care and Prevention of Athletic Injuries - An introductory course for prospective athletic trainers, coaches, physical educators, and exercise physiologists to provide basic knowledge and skill in the care and prevention of athletic and physical activity related injuries. <u>And</u> • A course that articulates with [CSUB BIOL 250], Human Anatomy - Major structures of the human body with an emphasis on the integration of histology and gross anatomy of the skeletal, muscular, nervous, circulatory, respiratory, digestive, excretory, reproductive and endocrine systems. <u>And</u> • A course that articulates with [CSUB BIOL 255], Human Physiology - Functions of major body systems with emphasis on mechanics, control, and integration. Discussion of the nervous, muscle, circulatory, respiratory, urinary, reproductive, gastrointestinal and endocrine systems. <u>And</u> • A course that articulates with [CSUB BIOL 256], Laboratory in Human Physiology - Laboratory investigations into the functions of major systems of the human body. <u>And</u> • A course that articulates with [CSUB BIOL 270], Principles of Nutrition - Fundamentals of human nutrition based on the chemical and physiological processes of nutrient selection, digestion, absorption, and metabolism. <u>And</u> • A course that articulates with [CSUB CHEM 150], General, Organic, and Biochemistry I - Covers the basic principles of chemistry including the composition of matter, periodic properties, chemical bonding and solution equilibria. <u>And</u> • A course that articulates with [CSUB CHEM 211], Principles of General Chemistry I - Introduction to atomic structure, quantum theory, periodic properties, chemical reactions, stoichiometry, gas laws and theories, molecular structure and bonding, states of matter, solutions, acids and bases, chemical equilibrium, thermodynamics, oxidation-reduction, electro-chemistry, chemical kinetics, nuclear chemistry, organic chemistry, descriptive chemistry, and coordination chemistry. | <p>0-4 units</p> <p>0-3 units</p> <p>0-4 units</p> <p>0-4 units</p> <p>0-1 units</p> <p>0-2 units</p> <p>0-4 units</p> <p>0-4 units</p> |
| <p>(2) If necessary, complete additional coursework to bring total to 60 transferable semester units.</p> | |

**Kinesiology/Physical Education
LOWER-DIVISION TRANSFER PATTERN
CSU Channel Islands Campus-Specific Pattern**

This campus does not have a major, concentration, or option in Kinesiology/Physical Education.

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN CSU Chico Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU Chico campus-specific pattern for the B.S. in Exercise Physiology:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern complete at least <u>one</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUC CHEM 111], General Chemistry for Science Majors with Lab, 1st Semester. <u>Or</u> • A course that articulates with [CSUC CHEM 107], General Chemistry for Allied Health Majors with Lab, 1st Semester. | 0-4 units |
| (2) If not taken as part of the statewide pattern complete at least <u>one</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUC CHEM 112], General Chemistry for Science Majors with Lab, 2nd Semester. <u>Or</u> • A course that articulates with [CSUC CHEM 108], Organic and Biochemistry for Allied Health Majors with Lab, 2nd Semester. | 0-4 units |
| (3) If not taken as part of the statewide pattern complete <u>all</u> of the following <ul style="list-style-type: none"> • A course that articulates with [CSUC PHYS 202A], Physics (Algebra/Trig Based). <u>And</u> • A course that articulates with [CSUC MATH 105], Introduction to Statistics. <u>And</u> • A course that articulates with [CSUC PHED 100] Computer Application to Physical Education - The legal, ethical, social, and economic implications of computer usage, basic operations, terminology and system components; and the use of representative spreadsheet, telecommunication, and networking programs. Special emphasis is placed on developing and reviewing applications unique to physical education. | 0-4 units 0-3 units 0-3 units |
| (4) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

In addition to the statewide pattern, the following is the CSU Chico campus specific pattern for the B.A. in Kinesiology:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--------------------------------------|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with certification in CPR/First Aid. <u>And</u> • A course that articulates with [CSUC CSCI 100 or CSUC PHED 100], Basic Computer Skills. | 0-3 units 0-3 units |
| (2) If not taken as part of the statewide pattern complete at least <u>three</u> of the following: <ul style="list-style-type: none"> • A course that articulates with aquatics. <u>Or</u> • A course that articulates with dance or gymnastics. <u>Or</u> • A course that articulates with individual or dual. <u>Or</u> • A course that articulates with outdoor education. <u>Or</u> • A course that articulates with personal defense. <u>Or</u> • A course that articulates with team sports. <u>Or</u> • A course that articulates with weight training or fitness. | 0-3 units |
| (3) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

In addition to the statewide pattern, the following is the CSU Chico campus-specific pattern for the B.A. in Kinesiology with an Option in Movement Studies:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--------------------------------------|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with certification in CPR/First Aid. <u>And</u> • A course that articulates with [CSUC CSCI 100 or CSUC PHED 100], Basic Computer Skills. | 0-3 units 0-3 units |
| (2) If not taken as part of the statewide pattern complete at least <u>six</u> of the following: <ul style="list-style-type: none"> • A course that articulates with aquatics. <u>Or</u> • A course that articulates with dance or gymnastics. <u>Or</u> • A course that articulates with individual or dual. <u>Or</u> • A course that articulates with outdoor education. <u>Or</u> • A course that articulates with personal defense. <u>Or</u> • A course that articulates with team sports. <u>Or</u> • A course that articulates with weight training or fitness. | 0-6 units |
| (3) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN CSU Dominguez Hills Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU Dominguez Hills campus-specific pattern:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUDH KIN 218], First Aid and Cardiopulmonary Resuscitation. <u>And</u> • A course that articulates with [CSUDH KIN 223], Introduction to Physical Education - A course that articulates with the anatomical structure, function and mechanical principles relating to human motion including analytical and practical application of concepts. <u>And</u> • A course that articulates with [CSUDH KIN 235], Lifetime Fitness - A course that examines the components of fitness; training principles, energy sources; nutrition and weight control research; stress reduction techniques and fitness programs. | 0-3 units 0-3 units 0-3 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN CSU East Bay Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU East Bay campus-specific pattern for the B.S. in Kinesiology with option in Exercise Nutrition and Wellness:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern, complete courses from the following to bring total up to 60, and not more than 70 transferable semester units: <ul style="list-style-type: none"> • A course that articulates with [CSUEB BIOL 1001 and 1002], Intro to Biology and Lab. <u>And</u> • A course that articulates with [CSUEB CHEM 1100], Intro to College Chemistry. <u>And</u> | 0-4 units 0-4 units |

| | |
|--|------------------|
| <ul style="list-style-type: none"> • A course that articulates with [CSUEB KPE 1625], Nutrition and Performance - The interrelationship of nutrition and exercise capability. The effect on athletic performance of diet and food additives. <u>And</u> • A course that articulates with [CSUEB KPE 2600], Prevention/Care of Athletic Injuries. | 0-3 units |
| <p>(2) If not taken as part of the statewide pattern complete <u>one course in each of the five categories:</u></p> <ul style="list-style-type: none"> • An activity course in Swimming. • An activity course in Combative. • An activity course in Team Sports. • An activity course in Individual or Dual Sports. • An activity course in Fitness. <p><i>At least one intermediate and one advanced-level activity course must be included.</i></p> | 0-6 units |
| <p>(3) If necessary, complete additional coursework to bring total to 60 transferable semester units.</p> <p><u>Recommended General Education Courses:</u></p> <ul style="list-style-type: none"> • <i>A course in Psychology. <u>And</u></i> • <i>A course in Sociology. <u>And</u></i> • <i>A course in Philosophy. <u>And</u></i> • <i>A course in Statistics. <u>And</u></i> • <i>A course in Physics.</i> | |

In addition to the statewide pattern, the following is the CSU East Bay campus-specific pattern for the B.S. in Kinesiology with option in Pre-Athletic Training:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| <p>(1) If not taken as part of the statewide pattern, complete courses from the following to bring total up to 60, and not more than 70 transferable semester units:</p> <ul style="list-style-type: none"> • A course that articulates with [CSUEB BIOL 1001 and 1002], Intro to Biology & Lab. <u>And</u> • A course that articulates with [CSUEB KPE 1625], Nutrition and Performance - The interrelationship of nutrition and exercise capability. The effect on athletic performance of diet and food additives. <u>And</u> • A course that articulates with [CSUEB KPE 2600], Prevention/Care of Athletic Injuries. | 0-4 units 0-3 units 0-3 units |
| <p>(2) If not taken as part of the statewide pattern complete <u>one course in each of the five categories:</u></p> <ul style="list-style-type: none"> • An activity course in Swimming. • An activity course in Combative. • An activity course in Team Sports. • An activity course in Individual or Dual Sports. • An activity course in Fitness. <p><i>At least one intermediate and one advanced-level activity course must be included.</i></p> | 0-6 units |
| <p>(3) If necessary, complete additional coursework to bring total to 60 transferable semester units.</p> <p><u>Recommended General Education Courses:</u></p> <ul style="list-style-type: none"> • <i>A course in Psychology. <u>And</u></i> • <i>A course in Sociology. <u>And</u></i> • <i>A course in Philosophy. <u>And</u></i> • <i>A course in Statistics. <u>And</u></i> • <i>A course in Physics.</i> | |

In addition to the statewide pattern, the following is the CSU East Bay campus-specific pattern for the B.S. in Kinesiology with option in Pre-Physical Therapy:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| <p>(1) If not taken as part of the statewide pattern, complete courses from the following to bring total up to 60, and not more than 70 transferable semester units:</p> <ul style="list-style-type: none"> • A course that articulates with [CSUEB BIOL 1401], Molecular and Cellular Biology. <u>And</u> • A course that articulates with [CSUEB BIOL 1403], Animal Biology. <u>And</u> • Courses that articulate with [CSUEB CHEM 1101, 1102, and 1103], General Chemistry sequence. <u>And</u> • Courses that articulate with [CSUEB PHYS 2701, 2702, and 2703], Introductory Physics sequence. <u>And</u> • A course that articulates with [CSUEB KPE 2600], Prevention and Care of Athletic Injuries. | <p style="text-align: center;">0-4 units</p> <p style="text-align: center;">0-4 units</p> <p style="text-align: center;">0-12 units</p> <p style="text-align: center;">0-8 units</p> <p style="text-align: center;">0-3 units</p> |
| <p>(2) If not taken as part of the statewide pattern complete <u>one</u> of the following:</p> <ul style="list-style-type: none"> • A course that articulates with [CSUEB BIOL 2025], Microbiology. <u>Or</u> • A course that articulates with [CSUEB CHEM 2301], Survey of Organic Chemistry. <u>Or</u> • A course that articulates with [CSUEB STAT 1000], Elements of Probability and Statistics. | <p style="text-align: center;">0-4 units</p> |
| <p>(3) If necessary, complete additional coursework to bring total to 60 transferable semester units.</p> | |

In addition to the statewide pattern, the following is the CSU East Bay campus-specific pattern for the B.S. in Kinesiology with options in Physical Education Teaching and Special Studies:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|---|
| <p>(1) If not taken as part of the statewide pattern complete <u>one course in each of the five categories</u>:</p> <ul style="list-style-type: none"> • An activity course in Swimming. • An activity course in Combative. • An activity course in Team Sports. • An activity course in Individual or Dual Sports. • An activity course in Fitness. <p><i>At least one intermediate and one advanced-level activity course must be included.</i></p> | <p style="text-align: center;">0-6 units</p> |
| <p>(2) If necessary, complete additional coursework to bring total to 60 transferable semester units</p> <p><u>Recommended General Education Courses:</u></p> <ul style="list-style-type: none"> • A course in Basic Concepts in Biology. <u>And</u> • A course in Psychology. <u>And</u> • A course in Sociology. <u>And</u> • A course in Philosophy. <u>And</u> • A course in Statistics. <u>And</u> • A course in Physics. | |

**Kinesiology/Physical Education
LOWER-DIVISION TRANSFER PATTERN
CSU Fresno Campus-Specific Pattern**

In addition to the statewide pattern, the following is the CSU Fresno campus-specific pattern for the B.S. in Kinesiology:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUF KINES 20], Fitness Development - Fundamental and basic principles of development of physical fitness; integration of theory and practice. Physical performance and written requirements included. <u>And</u> • A course that articulates with [CSUF KINES 25], Conditioning and Resistance Training Techniques - The foundational application, performance, supervision, and instruction of accepted strength training and conditioning techniques. <u>And</u> • A course that articulates with [CSUF KINES 32], Lifetime Fitness and Wellness - Healthy lifestyle patterns, exercise, nutrition, and physiological hygiene. Prevention of chronic diseases. Long-term behavior modification. Includes physiological measurements, nutritional analysis, and principle of exercise. <u>And</u> • A course that articulates with [CSUF KINES 33], Foundations of Sport and Exercise Psychology - The study and application of psychological principles and foundations to sport and exercise across the lifespan and across activity contexts. | 0-1 units 0-3 units 0-3 units 0-3 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

**Kinesiology/Physical Education
LOWER-DIVISION TRANSFER PATTERN
CSU Fullerton Campus-Specific Pattern**

In addition to the statewide pattern, the following is the CSU Fullerton campus-specific pattern:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--------------------------------------|
| (1) If not taken as part of the statewide pattern <u>all</u> of the following complete: <ul style="list-style-type: none"> • Courses that articulate with six performance area: Fitness, Aquatics, Martial Arts, Individual Sports, Racquet Sports & Team Sports. <u>And</u> • A course that articulates with [CSUF KNES 202], Introduction to Kinesiology. | 0-6 units 0-3 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

**Kinesiology/Physical Education
LOWER-DIVISION TRANSFER PATTERN
Humboldt State University Campus-Specific Pattern**

In addition to the statewide pattern, the following is the Humboldt State University campus-specific pattern:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--------------------------------------|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [HSU KINS 165], Introduction to Kinesiology. <u>And</u> • A course that articulates with [HSU HED 120], First Aid/CPR. | 0-3 units 0-1 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN CSU Long Beach Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU Long Beach campus-specific pattern for the B.S. in Kinesiology with Option in Athletic Training:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| (1) If not taken as part of the statewide pattern, complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSULB PSY 100], General Psychology. <u>And</u> • A course that articulates with [CSULB NUTR 132], Introductory Nutrition. <u>And</u> • A course that articulates with [CSULB KIN 207], Prevention and Care of Athletic Injuries. <u>And</u> • A course that articulates with [CSULB PHYS 100A], General Physics. | 0-3 units 0-3 units 0-3 units 0-3 units |
| (2) If not taken as part of the statewide pattern, complete <u>one</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSULB CHEM 100], Chemistry and Today's World. <u>Or</u> • A course that articulates with [CSULB CHEM 111A], General Chemistry. <u>Or</u> • A course that articulates with [CSULB CHEM 140], General, Organic, and Biochemistry. | 0-3 units |
| (3) If not taken as part of the statewide pattern, complete <u>one</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSULB BIOL 260], Biostatistics. <u>Or</u> • A course that articulates with [CSULB MATH 108], Statistics for Everyday Life. | 0-3 units |
| (4) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

In addition to the statewide pattern, the following is the CSU Long Beach campus-specific pattern for the B.S. in Kinesiology with Option in Exercise Science:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern, complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSULB PSY 100], General Psychology. <u>And</u> • A course that articulates with [CSULB CHEM 111A], General Chemistry. <u>And</u> • A course that articulates with [CSULB CHEM 111B], General Chemistry. <u>And</u> • A course that articulates with [CSULB PHYS 100A], General Physics. <u>And</u> • A course that articulates with [CSULB PHYS 100B], General Physics. | 0-3 units 0-3 units 0-3 units 0-3 units 0-3 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |
| <u>Recommended Courses:</u> <ul style="list-style-type: none"> • A course that articulates with [CSULB MATH 113], <i>Precalculus Algebra</i>. • A course that articulates with [CSULB NUTR 132], <i>Introductory Nutrition</i>. • A course that articulates with [CSULB BIOL 260], <i>Biostatistics</i>. • A course that articulates with [CSULB HSC 150], <i>Medical Terminology</i>. | |

In addition to the statewide pattern, the following is the CSU Long Beach campus-specific pattern for the B.S. in Kinesiology with Option in Fitness:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| (1) If not taken as part of the statewide pattern, complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSULB PSY 100], General Psychology. <u>And</u> • A course that articulates with [CSULB NUTR 132], Introductory Nutrition. <u>And</u> • Seven units that articulate with Activity courses from at least two of the following activity areas: Aquatics, Combatives, Dance, Fitness, Individual/Dual Sports, Wilderness Studies, Team Sports. | 0-3 units 0-3 units 0-7 units |

(2) If necessary, complete additional coursework to bring total to 60 transferable semester units.

Recommended Courses:

- A course that articulates with [CSULB KIN 207], *Prevention and Care of Athletic Injuries*.

In addition to the statewide pattern, the following is the CSU Long Beach campus-specific pattern for the B.S. in Kinesiology with Option in Kinesiotherapy:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern, complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSULB PSY 100], General Psychology. <u>And</u> • A course that articulates with [CSULB PSY 241], Psychobiology. <u>And</u> • A course that articulates with [CSULB PSY 220], Research Methods. <u>And</u> • A course that articulates with [CSULB PSY 210], Introductory Statistics. <u>And</u> • Six units that articulate with Activity courses from at least four of the following activity areas: Aquatics, Combatives, Dance, Individual/Dual sports, Wilderness Studies, Team Sports. | 0-3 units 0-3 units 0-4 units 0-4 units 0-6 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

In addition to the statewide pattern, the following is the CSU Long Beach campus-specific pattern for the B.S. in Kinesiology with Option in Sport Psychology and Coaching:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern, complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSULB PSY 100], General Psychology. <u>And</u> • A course that articulates with [CSULB PSY 210], Introductory Statistics. <u>And</u> • A course that articulates with [CSULB PSY 220], Research Methods. <u>And</u> • A course that articulates with [CSULB NUTR 132], Introductory Nutrition. <u>And</u> • Two units that articulate with Activity courses from the following activity areas: Aquatics, Combatives, Dance, Fitness, Individual/Dual Sports, Wilderness Studies, Team Sports. | 0-3 units 0-4 units 0-4 units 0-3 units 0-2 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |
| <u>Recommended Courses:</u> <ul style="list-style-type: none"> • A course that articulates with [CSULB PSY 241], <i>Psychobiology</i>. | |

In addition to the statewide pattern, the following is the CSU Long Beach campus-specific pattern for the B.A. in Kinesiology with Option in Physical Education - Secondary School:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|-------------------------------------|
| (1) If not taken as part of the statewide pattern, complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSULB PSY 100], General Psychology. <u>And</u> • A course that articulates with [CSULB KIN 149A], Self Defense. | 0-3 units 0-1 unit |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

In addition to the statewide pattern, the following is the CSU Long Beach campus-specific pattern for the B.A. in Kinesiology with Option in Physical Education - Elementary School:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|-------------------------------------|
| (1) If not taken as part of the statewide pattern, complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSULB PSY 100], General Psychology. <u>And</u> • A course that articulates with [CSULB KIN 149A], Self Defense. | 0-3 units 0-1 unit |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

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|---|
| <p><u>Recommended course:</u></p> <ul style="list-style-type: none"> • A course that articulates with [CSULB NUTR 132], <i>Introductory Nutrition</i>. |
|---|

In addition to the statewide pattern, the following is the CSU Long Beach campus-specific pattern for the B.A. in Kinesiology with Option in Adapted Physical Education:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|-------------------------------|
| <p>(1) If not taken as part of the statewide pattern, complete <u>all</u> of the following:</p> <ul style="list-style-type: none"> • A course that articulates with [CSULB PSY 100], General Psychology. <u>And</u> • A course that articulates with [CSULB KIN 149A], Self Defense. | <p>0-3 units 0-1 unit</p> |
| <p>(2) If necessary, complete additional coursework to bring total to 60 transferable semester units.</p> | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN CSU Los Angeles Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU Los Angeles campus-specific pattern:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| <p>(1) If not taken as part of the statewide pattern complete <u>all</u> of the following:</p> <ul style="list-style-type: none"> • A course that articulates with two semesters of expository writing that emphasizes exposition, research, and critical thinking, typically called “Writing and Critical Thinking” (as opposed to “Literature and Composition”). <u>And</u> • A course that articulates with [CSULA PHYS 156], Physics for the Twenty-First Century - A course that covers current topics in physics that will play a significant role in social and economic issues of the 21st century, studying fundamental physics concepts necessary to understand these topics. <u>And</u> • A course that articulates with [CSULA SOC 201], Principles of Sociology - A course that covers social institutions and group behavior; social order and change; hegemony, pluralism, distribution of privilege and power, sources of cooperation and conflict, deviance and social control. | <p>0-3 units 0-3 units 0-3 units</p> |
| <p>(3) If necessary, complete additional coursework to bring total to 60 transferable semester units.</p> | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN California Maritime Academy Campus-Specific Pattern

This campus does not have a major, concentration, or option in Kinesiology/Physical Education.

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN CSU Monterey Bay Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU Monterey Bay campus-specific pattern:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|---------------------------|
| <p>(1) If not taken as part of the statewide pattern complete <u>all</u> of the following:</p> <ul style="list-style-type: none"> • Courses that articulate with <u>four</u> performance courses in four different | <p>0-4 units</p> |

| | |
|--|-------------------------------------|
| movement areas. <u>And</u> <ul style="list-style-type: none"> • A course that articulates with General Chemistry. <u>And</u> • A course that articulates with Introduction to Kinesiology [HPW]. <u>And</u> • A course that articulates with CPR/First Aid. | 0-3 units 0-3 units 0-1 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN CSU Northridge Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU Northridge campus-specific pattern for the Physical Education Option#1:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|---|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUN MATH 140], Introductory Statistics. <u>And</u> • A course that articulates with [CSUN KIN 200], Foundations of Kinesiology. | 0-4 units 0-3 units |
| (2) If not taken as part of the statewide pattern complete a course that articulates with any activity course in the area of self-defense or martial arts: <ul style="list-style-type: none"> ○ [CSUN KIN 130A], Karate I. <u>Or</u> ○ [CSUN KIN 131A], Taekwondo. <u>Or</u> ○ [CSUN KIN 132A], Aikido. <u>Or</u> ○ [CSUN KIN 133A], Tai Chi Ch'uan. <u>Or</u> ○ [CSUN KIN 134A], Shaolin Kung Fu. <u>Or</u> ○ [CSUN KIN 151A], Personal Defense. | 0-1 unit |
| (3) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUN KIN 250SW], Professional Activities: Swimming. • One course that articulates with any Team Sport activity course: <ul style="list-style-type: none"> ○ [CSUN KIN 124A], Basketball I. <u>Or</u> ○ [CSUN KIN 152A], Soccer I. <u>Or</u> ○ [CSUN KIN 171A], Softball I. <u>Or</u> ○ [CSUN KIN 195A], Volleyball I. <u>Or</u> ○ Other team sports accepted following articulation review. <u>And</u> • One course that articulates with any Individual Sport activity course: <ul style="list-style-type: none"> ○ [CSUN KIN 122A], Badminton I. <u>Or</u> ○ [CSUN KIN 155A], Golf I. <u>Or</u> ○ [CSUN KIN 160A], Gymnastics Apparatus-Men. <u>Or</u> ○ [CSUN KIN 161A], Gymnastics Apparatus-Women. <u>Or</u> ○ [CSUN KIN 164A], Handball I. <u>Or</u> ○ [CSUN KIN 167A], Racquetball I. <u>Or</u> ○ [CSUN KIN 176A], Springboard I. <u>Or</u> ○ [CSUN KIN 185A], Tennis I. <u>Or</u> ○ [CSUN KIN 191A], Track and Field I. ○ Other individual sports accepted following articulation review. <u>And</u> • One course that articulates with any Dance activity course: <ul style="list-style-type: none"> ○ [CSUN KIN 137A], Ballroom I. <u>Or</u> ○ [CSUN KIN 139A], Ballet I. <u>Or</u> ○ [CSUN KIN 140A], Folk I. <u>Or</u> ○ [CSUN KIN 141A], Jazz I. <u>Or</u> ○ [CSUN KIN 142A], Latin I. <u>Or</u> ○ [CSUN KIN 143], Urban Street. <u>Or</u> ○ [CSUN KIN 144A], Modern I. <u>Or</u> ○ [CSUN KIN 145A], Square and Round I. <u>Or</u> | 0-1 unit 0-1 unit 0-1 units 0-1 unit |

| | |
|--|-----------------|
| <ul style="list-style-type: none"> o Other dance forms accepted following articulation review. <u>And</u> • One course that articulates with any Exercise activity course: <ul style="list-style-type: none"> o [CSUN KIN 125A], Fitness for Life I. <u>Or</u> o [CSUN KIN 126A], Strength Training. <u>Or</u> o [CSUN KIN 129A], Running Conditioning I. <u>Or</u> o [CSUN KIN 135A], Aerobic Dance I. <u>Or</u> o [CSUN KIN 136A], Aqua Aerobics. <u>Or</u> o [CSUN KIN 149], Yoga. <u>Or</u> o [CSUN KIN 179A], Swimming Conditioning. <u>Or</u> o Other exercise focused activity classes accepted following articulation review. <p><i>For the Physical Education Option only, KIN 201/L Movement Forms - Sport, Dance and Exercise and Lab (2/1) in the CSUN Kinesiology Lower Division Core will be considered completed for transfer students who complete this 5 unit pattern.</i></p> | 0-1 unit |
| (4) If necessary, complete additional coursework to bring the total to 60 transferable units. | |

In addition to the statewide pattern, the following is the CSU Northridge campus-specific pattern for the Exercise Science Option#2:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUN MATH 140], <u>Introductory Statistics. <u>And</u></u> • A course that articulates with [CSUN KIN 200], <u>Foundations of Kinesiology. <u>And</u></u> • A course that articulates with [CSUN PHYS 100A/100AL], <u>General Physics and Lab. <u>And</u></u> • A course that articulates with [CSUN MATH 105], <u>Pre-Calculus.</u> | 0-4 units 0-3 units 0-4 units 0-5 units |
| (2) If not taken as part of the statewide pattern complete <u>one</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUN CHEM 101/101L], <u>General Chemistry and Lab. <u>Or</u></u> • A course that articulates with [CSUN CHEM 103/103L], <u>Introductory Chemistry and Lab.</u> | 0-5 units |
| (3) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

In addition to the statewide pattern, the following is the CSU Northridge campus-specific pattern for the Dance Option and General Studies Option#3 & 4:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--------------------------------------|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with, [CSUN MATH 140], <u>Introductory Statistics. <u>And</u></u> • A course that articulates with [CSUN KIN 200], <u>Foundations of Kinesiology.</u> | 0-4 units 0-3 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

In addition to the statewide pattern, the following is the CSU Northridge campus-specific pattern for the B.S. degree in Athletic Training:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| (1) If not taken as part of the statewide pattern <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUN MATH 140], <u>Introductory Statistics. <u>And</u></u> • A course that articulates with [CSUN KIN 200], <u>Foundations of Kinesiology. <u>And</u></u> • A course that articulates with [CSUN PHYS 160], <u>Physics and Experience. <u>And</u></u> • A course that articulates with [CSUN FCS 207], <u>Nutrition. <u>And</u></u> • A course that articulates with [CSUN PSY 150] <u>Psychology (Principles of</u> | 0-4 units 0-3 units 0-3 units 0-3 units 0-3 units |

| | |
|--|------------------|
| Human Behavior). <u>And</u> <ul style="list-style-type: none"> • A course that articulates with [CSUN KIN 337/L], Prevention and Care of Athletic Injuries. | 0-3 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN Cal Poly Pomona Campus-Specific Pattern

In addition to the statewide pattern, the following is the Cal Poly Pomona campus-specific pattern for the Pedagogy Option in either the Single Subject Track or Adapted Physical Education Track:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CPP BIO 115/115L], Basic Biology with Lab. <u>And</u> • A course that articulates with [CPP STA 120], Elementary Statistics with Applications. <u>And</u> • A course that articulates with [CPP KIN 205/205A], First Aid/Activity - Instruction in providing immediate and temporary care for victims of injuries, sudden illness and other medical emergencies using American Red Cross procedures. Cardiopulmonary resuscitation and removal of airway obstruction. | 0-4 units 0-3 units 0-2 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable units. | |

In addition to the statewide pattern, the following is the Cal Poly Pomona campus-specific pattern for the Health Promotion Option on the Worksite Health Promotion Track:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CPP BIO 115/115L], Basic Biology with Lab. <u>And</u> • A course that articulates with [CPP STA 120], Elementary Statistics with Applications. <u>And</u> • A course that articulates with [CPP KIN 205/205A], First Aid/Activity - Instruction in providing immediate and temporary care for victims of injuries, sudden illness and other medical emergencies using American Red Cross procedures. Cardiopulmonary resuscitation and removal of airway obstruction. <u>And</u> • A course that articulates with [CPP KIN 207], Personal Health - A course that covers contemporary health and wellness issues that individuals face; also the study of mental, physical, spiritual, emotional, and social well-being. <u>And</u> • A course that articulates with [CPP PSY 210], Mind, Brain, Behavior - Philosophical/biological exploration of the relationship of human behavior/mind/consciousness and the brain. Includes environmental effects on development; human sexuality and sex differences; learning and memory; pain, psychoactive drugs; normal and abnormal aging; and the brain and mental disorders. | 0-4 units 0-3 units 0-2 units 0-3 units 0-3 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |
| <u>Recommended Courses:</u> <ul style="list-style-type: none"> • <i>A course that articulates with [CPP ACC 207/A], Financial Accounting for Decision-making/Activity. Or</i> • <i>A course that articulates with [CPP EWS 140], Introduction to Ethnic Studies.</i> | |

In addition to the statewide pattern, the following is the Cal Poly Pomona campus-specific pattern for the Health Promotion Option on the Health Education Track:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CPP BIO 115/115L], Basic Biology with Lab. <u>And</u> • A course that articulates with [CPP STA 120], Elementary Statistics with Applications. | 0-4 units 0-3 units |
| (2) Complete additional coursework from the following to bring total to 60 transferable semester units: <ul style="list-style-type: none"> • A course that articulates with [CPP KIN 205/205A], First Aid/Activity - Instruction in providing immediate and temporary care for victims of injuries, sudden illness and other medical emergencies using American Red Cross procedures. Cardiopulmonary resuscitation and removal of airway obstruction. <u>Or</u> • A course that articulates with [CPP KIN 207], Personal Health - A course that covers contemporary health and wellness issues that individuals face; also the study of mental, physical, spiritual, emotional, and social well-being. <u>Or</u> • A course that articulates with [CPP PSY 210], Mind, Brain, Behavior - Philosophical/biological exploration of the relationship of human behavior/mind/consciousness and the brain. Includes environmental effects on development; human sexuality and sex differences; learning and memory; pain, psychoactive drugs; normal and abnormal aging; and the brain and mental disorders. <u>Or</u> • A course that articulates with [CPP MIC 201/L], Basic Microbiology/Lab - A study of morphology, metabolism, classification, and cultivation of bacteria with emphasis on problem solving, identification, and growth of microbes. The role of microbes in disease processes and concepts of immunity and resistance are discussed. | |

In addition to the statewide pattern, the following is the Cal Poly Pomona campus-specific pattern for the Exercise Science Option on the Clinical Health Science Track:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CPP BIO 115/115L], Basic Biology with Lab. <u>And</u> • A course that articulates with [CPP STA 120], Elementary Statistics with Applications. | 0-4 units 0-3 units |
| (2) Complete additional coursework from the following to bring total to 60 transferable semester units: <ul style="list-style-type: none"> • A course that articulates with [CPP MIC 201/L], Basic Microbiology/Lab - A study of morphology, metabolism, classification, and cultivation of bacteria with emphasis on problem solving, identification, and growth of microbes. The role of microbes in disease processes and concepts of immunity and resistance are discussed. <u>Or</u> • A course that articulates with [CPP PHY 121/L], College Physics/Lab - A course that covers the study of vectors, motion, forces, gravity, work and energy, momentum, angular motion and mechanical properties of matter. <u>Or</u> • A course that articulates with [CPP PHY 122/L], College Physics/Lab - A course that covers heat, wave motion, sound, light and optical devices. <u>Or</u> • A course that articulates with [CPP PHY 123/L] College Physics/Lab - A course that covers electricity and magnetism, DC and AC circuits, electronics, atomic and nuclear physics. <u>Or</u> • A course that articulates with [CPP CHM 121/L, CPP CHM 122/L, and CPP CHM 123/L], General Chemistry with Lab - Courses on atomic theory of structure and bonding, chemical equations, gas laws, oxidation-reduction, electrochemistry, states of matter, equilibrium, acids and bases, thermodynamics and reaction kinetics and their applications to chemistry, physics, and engineering sciences. Lab: Experiments in basic quantitative analysis techniques, gas measurements, acid-base, pH, and redox titrations, electrochemistry, kinetics, thermo-dynamics, and ionic equilibria and qualitative analysis procedures. <u>Or</u> • A course that articulates with [CPP 201/250L], Elements of Organic Chemistry with Lab - A course that covers the fundamental concepts of organic chemistry with emphasis on practical applications. Lab: Introduction to general techniques of the organic laboratory for the separation, purification, and identification of organic substances. <u>Or</u> | |

- **A course that articulates with [CPP FN 235], Nutrition** - Calculation of individual nutrient requirements. Utilization of dietary guidelines. Diet self-evaluation. Digestion, absorption, metabolism, and excretion of carbohydrates, lipids, proteins, vitamins and minerals. Role of Nutrition in health promotion, disease prevention, and treatment of disease.

In addition to the statewide pattern, the following is the Cal Poly Pomona campus-specific pattern for the Exercise Science Option on the Human Performance Track:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CPP BIO 115/115L], Basic Biology with Lab. <u>And</u> • A course that articulates with [CPP STA 120], Elementary Statistics with Applications. <u>And</u> • A course that articulates with [CPP FN 235], Nutrition - Calculation of individual nutrient requirements. Utilization of dietary guidelines. Diet self-evaluation. Digestion, absorption, metabolism, and excretion of carbohydrates, lipids, proteins, vitamins and minerals. Role of Nutrition in health promotion, disease prevention, and treatment of disease. | 0-4 units 0-3 units 0-3 units |
| (2) Complete additional coursework from the following to bring total to 60 transferable semester units: <ul style="list-style-type: none"> • A course that articulates with [CPP BIO 211/L], Biometrics/Lab - A course that covers applied statistical analysis of biological data and understanding, interpreting, and performing data analysis in a research context. <u>Or</u> • A course that articulates with [CPP KIN 207], Personal Health - A course that covers contemporary health and wellness issues that individuals face; also the study of mental, physical, spiritual, emotional, and social well-being. | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN CSU Sacramento Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU Sacramento campus-specific pattern for the Physical Education Option#1:

| Campus-Specific Pattern |
|---|
| (1) If necessary, complete additional coursework to bring total to 60 transferable semester units. |

In addition to the statewide pattern, the following is the CSU Sacramento campus-specific pattern for the Exercise Science Option and Athletic Training Option#2:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|---------------------------|
| (1) If not taken as part of the statewide pattern complete <u>one</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUS BIO 010], Basic Biological Concepts - An introductory course to the biological sciences with emphasis at the molecular and cellular levels. <u>Or</u> • A course that articulates with [CSUS BIO 020], Biology: A Human Perspective - An introductory course to the major concepts of biology and their application to humans with topics that include reproduction and heredity, energy and metabolism, ecology, evolution, and the levels of biological organization using the human as an example. | 0-3 units |
| (2) If not taken as part of the statewide pattern complete <u>one</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUS CHEM 6A], Introduction to Chemistry - A course that covers the structure of atoms, molecules and ions; their interactions including stoichiometry, equilibria, and oxidation-reduction. <u>Or</u> • A course that articulates with [CSUS CHEM 1A], General Chemistry - A course | 0-5 units |

| | |
|--|--|
| that covers the fundamental principles and concepts of chemistry, including stoichiometry, thermochemistry, atomic and molecular structure, solution chemistry, acid-base chemistry, oxidation-reduction reactions, chemical equilibrium and chemical kinetics. | |
| (3) If not taken as part of the statewide pattern complete <u>one</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUS CHEM 6B], Introduction to Organic and Biological Chemistry - An introductory course to the structure and properties of the major classes of organic compounds; introduction to nomenclature of organic compounds and to the fundamental concepts of reaction mechanisms and stereochemistry; the chemistry and metabolism of carbohydrates, lipids, and proteins. <u>Or</u> • A course that articulates with [CSUS CHEM 1B], General Chemistry II - A course that covers the development of fundamental principles of chemistry and application of principles developed in CHEM 1A. | 0-3 units 0-3 units |
| (4) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN CSU San Bernardino Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU San Bernardino campus-specific pattern for the Pedagogy Option:

| Campus-Specific Pattern |
|--|
| (1) If necessary, complete additional coursework to bring total to 60, and not more than 70, transferable semester units. |

In addition to the statewide pattern, the following is the CSU San Bernardino campus-specific pattern for the Pre-Physical Therapy Option:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|---|
| (1) If not taken as part of the statewide pattern, select 15 semester units from the following courses: <ul style="list-style-type: none"> • A course that articulates with [CSUSB CHEM 215], General Chemistry I: Atomic Structure and Chemical Bonding - A study of stoichiometry, atomic and molecular structure, chemical bonding, states of matter and solutions. <u>Or</u> • A course that articulates with [CSUSB CHEM 216], General Chemistry II: Principles of Chemical Reactions - A study of chemical kinetics and equilibrium, thermodynamics, redox reactions, and electrochemistry, and topics in inorganic, organic, biological and environmental chemistry. <u>Or</u> • A course that articulates with [CSUSB MATH 192], Methods of Calculus - A short course in calculus with emphasis on applications. <u>Or</u> • A course that articulates with [CSUSB PSYC 100], Introduction to Psychology - A survey of the field of modern psychology. <u>Or</u> • One or more courses from either of the following three-course sequences (but not from both sequences): <ul style="list-style-type: none"> ○ A course that articulates with [CSUSB PHYS 121], Basic Concepts of Physics I - A survey of the basic concepts of mechanics. <u>Or</u> ○ A course that articulates with [CSUSB PHYS 122], Basic Concepts of Physics II - A survey of the basic concepts of electricity, electric circuits, and magnetism. <u>Or</u> ○ A course that articulates with [CSUSB PHYS 123], Basic Concepts of Physics III - A survey of the basic concepts of optics, waves, and modern physics. ○ A course that articulates with [CSUSB PHYS 221], General Physics I - The study of mechanics. <u>Or</u> | 0-4 units 0-4 units 0-2 units 0-3 units 0-12 units |

| | |
|---|--|
| <ul style="list-style-type: none"> ○ A course that articulates with [CSUSB PHYS 222], General Physics II, The study of electromagnetism. <u>Or</u> ○ A course that articulates with [CSUSB PHYS 223], General Physics III, The study of waves and optics. | |
| (2) If necessary, complete additional coursework to bring total to 60, and not more than 70, transferable semester units. | |

In addition to the statewide pattern, the following is the CSU San Bernardino campus-specific pattern for the Exercise Science Option:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|----------------------------------|
| (1) If not taken as part of the statewide pattern complete the following: <ul style="list-style-type: none"> ● A course that articulates with [CSUSB KINE 200], First Aid - An introduction to the emergency care and treatment of illnesses and injuries including training in cardiopulmonary resuscitation. | 0-2 units |
| (2) If not taken as part of the statewide pattern complete <u>one</u> of the following: <ul style="list-style-type: none"> ● A course that articulates with [CSUSB CHEM 205], Fundamentals of Chemistry I: General Chemistry - A basic introduction to the concepts of chemistry, including the composition of matter and physical and chemical changes. <u>Or</u> ● A course that articulates with [CSUSB CHEM 215], General Chemistry I: Atomic Structure and Chemical Bonding, A study of stoichiometry, atomic and molecular structure, chemical bonding, states of matter and solutions. | 0-3 units |
| (3) If not taken as part of the statewide pattern complete <u>one</u> of the following: <ul style="list-style-type: none"> ● A course that articulates with [CSUSB PHYS 100], Physics in the Modern World - A course that examines physics and its contemporary use, including topics of mechanics, electricity, optics, sound, heat, and radioactivity. <u>Or</u> ● A course that articulates with [CSUSB PHYS 121], Basic Concepts of Physics I - A survey of the basic concepts of mechanics. <u>Or</u> ● A course that articulates with [CSUSB PHYS 221], General Physics I - The study of mechanics. | 0-4 units |
| (4) If necessary, complete additional coursework to bring total to 60, and not more than 70, transferable semester units. | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN San Diego State University Campus-Specific Pattern

In addition to the statewide pattern, the following is the San Diego State University campus-specific pattern. The B.S. in Kinesiology is an impacted major. The below information does not represent any guarantee with regard to admission nor does it include or replace SDSU's campus admissions impact criteria. Please refer to <http://www.calstate.edu/AR/impactioninfo.shtml> for SDSU's impact criteria.

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| (1) If not taken as part of the statewide pattern, complete <u>all</u> of the following: <ul style="list-style-type: none"> ● A course that articulates with [SDSU PSY 101], Introductory Psychology - A course that covers the facts, principles, and concepts which are basic to understanding human behavior. <u>And</u> ● A course that articulates with [SDSU SOC 101], Introductory Sociology: The Study of Society - Major ideas, concepts, and methods in the study of society to include socialization, culture, social structure, social stratification, deviance, social control, and social change. <u>And</u> ● A course that articulates with [SDSU ENS 210], Introduction to Kinesiology - An overview of the discipline of kinesiology. Development of a basic philosophy and background for entering the profession. <u>And</u> | 0-3 units 0-3 units 0-2 units |

| | |
|--|---|
| <ul style="list-style-type: none"> • A course that articulates with [SDSU ENS 265 and 265L], Techniques in Athletic Training and Lab - A course that covers athletic training techniques and emergency field care of athletic injuries, as well as theory and techniques of basic athletic first aid, emergency procedures including CPR, bandaging and taping. <u>And</u> • A course that articulates with [SDSU BIOL 212], Human Anatomy - Gross and microscopic anatomy of organ system of human body. <u>And</u> • A course that articulates with [SDSU NUTR 201], Fundamentals of Nutrition - Role of nutrition in health promotion and disease prevention. Current concepts, controversies, and dietary recommendations from a scientific perspective. | <p>0-2 units</p> <p>0-4 units</p> <p>0-3 units</p> |
| <p>(2) If not taken as part of the statewide pattern, complete <u>one</u> of the following:</p> <ul style="list-style-type: none"> • A course that articulates with [SDSU BIOL 215], Biostatistics - Methods and experience in defining and solving quantitative problems in biology, including design of experiments, and parametric and nonparametric statistical techniques. <u>Or</u> • A course that articulates with [SDSU ECON 201], Statistical Methods - Introduction to descriptive statistics, statistical inference, regression and correlation. <u>Or</u> • A course that articulates with [SDSU PSY 270], Statistical Methods in Psychology - Quantitative methods in psychology for producing, analyzing, and interpreting data. Sampling, basic research designs, describing distributions through graphs and quantitative indices, linear correlation and regression, applications of normal probability curve, confidence intervals, and tests of significance. <u>Or</u> • A course that articulates with [SDSU SOC 201], Elementary Social Statistics - Basic statistical techniques in sociology. Tables and graphs, measures of central tendency and variability, correlations, cross-classification, and introduction to multivariate analysis, sampling and statistical inference. Computer applications may be included. <u>Or</u> • A course that articulates with [SDSU STAT 119], Elementary Statistics for Business - Measures of central tendency and variability, frequency distributions; probability, Bayes theorem, probability distributions (including binomial, hypergeometric, and normal), sampling distributions, confidence intervals, significance testing, regression and correlation. | <p>0-3 units</p> |
| <p>(3) If necessary, complete additional coursework to bring total to 60 (but not more than 70) transferable semester units. Coursework not taken at the community college must be completed at SDSU.</p> | |

**Kinesiology/Physical Education
LOWER-DIVISION TRANSFER PATTERN
San Francisco State University Campus-Specific Pattern**

In addition to the statewide pattern, the following is the San Francisco State University campus-specific pattern:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|---|
| <p>(1) If not taken as part of the statewide pattern, complete <u>all</u> of the following:</p> <ul style="list-style-type: none"> • A course that articulates with [SFSU ENG 114], College Composition, 1st semester - Training in expository- argumentative composition, emphasizing work on clear and effective sentences and the organization and development of paragraph and essay. <u>And</u> • A course that articulates with [SFSU ENG 214], College Composition and Literature, 2nd semester - Expository- argumentative composition and critical reading skills through the study of literature; special attention to logic, style, and rhetoric. <i>A minimum grade of C is necessary in courses used to meet this requirement.</i> <u>And</u> • A course that articulates with [SFSU MATH 124], Elementary Statistics - Including topics in data analysis, probability, and statistical inference. <u>And</u> • A course that articulates with [SFSU BIOL 100], Human Biology - Including topics in principles of human biology; body structure and function, reproduction, | <p>0-3 units</p> <p>0-3 units</p> <p>0-3 units</p> <p>0-3 units</p> |

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| development, heredity, and evolution; aspects of modern biology impacting the human species. <u>And</u> <ul style="list-style-type: none"> • A course that articulates with [SFSU BIOL 101], Human Biology Laboratory. <u>And</u> • Coursework that articulates with [SFSU KIN 100-290], three one-unit activity courses. <i>These courses must cover a wide variety of different types of physical activity.</i> | 0-1 units 0-3 units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN San José State University Campus-Specific Pattern

In addition to the statewide pattern, the following is the San José State University campus-specific pattern for the B.S. in Kinesiology; in Kinesiology with a concentration in Athletic Training; or Kinesiology, Preparation for Teaching:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|--|
| (1) If not taken as part of the statewide pattern, complete courses from the following to bring total up to 60, and not more than 70 transferable semester units: <ul style="list-style-type: none"> • A course that articulates with [SJSU ENGL 001B], Composition 2, or an equivalent 2nd Semester English Composition course approved for IGETC Area 1B. <i>A minimum grade of C or higher is required in courses used to meet this requirement.</i> <u>And</u> • A course that articulates with [SJSU KIN 070], Introduction to Kinesiology. <u>And</u> • A course that articulates with [SJSU CHEM 030A], Introductory Chemistry. • A course that articulates with [SJSU BIOL 065], Human Anatomy. | 0-3 units 0-3 units 0-3 units 0-4 units |
| (2) If not taken as part of the statewide pattern complete <u>six units from at least four of the following categories</u>*: <ul style="list-style-type: none"> • A course that articulates with Combatives - Aikido, Judo, Karate, Self-Defense, Tae Kwon Do, or other acceptable combative physical activities. <u>Or</u> • A course that articulates with Fitness - Aquatic Exercise, Aerobics, Body Sculpting, Long Distance Swimming, Step Training, Tai Chi, Weight Training, Pilates, Yoga, Cardio-Kickboxing, Jogging, Fitness Walking, or other acceptable fitness physical activities. <u>Or</u> • A course that articulates with Dance - Latin Dance, Ballet, Swing Dance, Social Dance, Tap Dance, Jazz, Modern Dance, or other acceptable dance physical activities. <u>Or</u> • A course that articulates with Individual/Dual Physical Activities - Badminton, Archery, Bowling, Golf, Gymnastics, Handball, Ice Skating, Racquetball, Swimming, Tennis, Table Tennis, or other acceptable individual or dual physical activities. <u>Or</u> • A course that articulates with Team physical activities - Basketball, Ice Hockey, Rugby, Soccer, Volleyball or other acceptable team physical activities. <u>Or</u> • A course that articulates with Adventure - Mountaineering, Sailing, Scuba, Kayaking, or other acceptable team physical activities. <p><i>*A maximum of only 1 unit of intercollegiate athletics will be accepted. Two of the 6 units will fulfill the SJSU Physical Activity graduation requirement.</i></p> | 0-6 units |
| (3) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

Kinesiology
LOWER-DIVISION TRANSFER PATTERN
Cal Poly San Luis Obispo Campus-Specific Pattern

In addition to the statewide pattern, the following is the Cal Poly San Luis Obispo campus-specific pattern:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [SLO KINE 280], First Aid/CPR. <u>And</u> • A course that articulates with [SLO KINE 270], Orientation to Kinesiology. | 0-1 units 0-3 units |
| (2) If not taken as part of the statewide pattern complete <u>five</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [SLO KINE 208], Golf. <u>Or</u> • A course that articulates with [SLO KINE 210], Tennis. <u>Or</u> • A course that articulates with [SLO KINE 211], Softball-Baseball. <u>Or</u> • A course that articulates with [SLO KINE 212], Handball/Racquetball. <u>Or</u> • A course that articulates with [SLO KINE 213], Basketball. <u>Or</u> • A course that articulates with [SLO KINE 214], Volleyball. <u>Or</u> • A course that articulates with [SLO KINE 216], Wrestling. <u>Or</u> • A course that articulates with [SLO KINE 217], Flag Football/Football. <u>Or</u> • A course that articulates with [SLO KINE 218], Aquatics. <u>Or</u> • A course that articulates with [SLO KINE 219], Progressive Strength Training. <u>Or</u> • A course that articulates with [SLO KINE 220], Group Fitness Activities. <u>Or</u> • A course that articulates with [SLO KINE 221], Combatives/Self Defense. <u>Or</u> • A course that articulates with [SLO KINE 222], Archery. <u>Or</u> • A course that articulates with [SLO KINE 223], Cross Country and Track Events. <u>Or</u> • A course that articulates with [SLO KINE 224], Field Events. <u>Or</u> • A course that articulates with [SLO KINE 225], Team Handball. <u>Or</u> • A course that articulates with [SLO KINE 226], Soccer. <u>Or</u> • A course that articulates with [SLO KINE 227], Aerobic Dance Exercise. <u>Or</u> • A course that articulates with [SLO KINE 229], Badminton. | 0-1 units 0-1 units 0-1 units 0-1 units 0-1 units 0-1 units 0-1 units 0-1 units 0-2 units 0-1 units 0-2 units 0-1 units 0-1 units 0-1 units 0-1 units 0-1 units 0-1 units 0-2 units 0-1 units |
| (3) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

Kinesiology/Physical Education
LOWER-DIVISION TRANSFER PATTERN
CSU San Marcos Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU San Marcos campus-specific pattern for the Option in Physical Education:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUSM BIOL 104], Principles of Biology: Human Emphasis - Principles of cellular, organismal and population biology with primary representation relating to the human organism. Includes study of cells, tissues, and mammalian organ systems. Primarily designed for nursing and kinesiology majors. <u>And</u> • A course that articulates with [CSUSM KINE 202], Introduction to Physical Education & Kinesiology - The goals of this course are to aid in the prospective majors in their career choices, to introduce students into fields closely related to exercise and nutritional sciences, to introduce students to current issues in exercise | 0-4 Units 0-2 Units |

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| <p>sciences, and to introduce students to key events and concepts in the evolution of exercise science as a discipline and as a profession. <u>And</u></p> <ul style="list-style-type: none"> • A course that articulates with [CSUSM KINE 204], Techniques and Analysis of Fitness & Weight Training - Analysis of the development, maintenance, implementation, and self-evaluation of physical fitness. Implementation of methods, techniques, instructional strategies, safety factors, motivation and necessary equipment for teaching physical fitness and weight training. Instruction and techniques in individual skills and strategies in weight training; also includes instruction on stretching for flexibility and injury prevention. <u>And</u> • A course that articulates with [CSUSM PSYC 100], Introduction to Psychology - Introduction to basic concepts, problems, and research methods in the science of psychology. Includes perception, cognitive processes, learning, motivation, measurement, development, personality, abnormal behavior, and biological and social bases of behavior, including cross-cultural issues. <u>And</u> • A course that articulates with [CSUSM CHEM100], Chemistry of Life - Structure, function, and properties of bio- organic/biochemical molecules important to life, health and nutrition. The areas covered are atomic and molecular structure, chemical and physical properties of bioorganic functional groups, carbohydrates, fats, amino acids, proteins, enzymes, hormones, nucleic acids, digestion, and nutrition. Also discusses the aesthetic, humanistic and practical aspects of science, where applicable, related to economic, health, historical [including contributions made by women and minorities], and/or political issues influenced by chemistry. | <p>0-3 Units</p> <p>0-3 Units</p> <p>0-5 Units</p> |
| <p>(2) If not taken as part of the statewide pattern complete at least three of the following:</p> <ul style="list-style-type: none"> • A course that articulates with [CSUSM DANCE 101], Introduction to Dance. <u>Or</u> • A course that articulates with [CSUSM KINE 205], Techniques and Analysis of Team Court Sports. <u>Or</u> • A course that articulates with [CSUSM KINE 206], Techniques and Analysis of Field Sports. <u>Or</u> • A course that articulates with [CSUSM KINE 207], Techniques and Analysis of Baseball and Softball. <u>Or</u> • A course that articulates with [CSUSM KINE 208], Techniques and Analysis of Track & Field. <u>Or</u> • A course that articulates with [CSUSM KINE 209], Techniques and Analysis of Golf. | <p>0-7 units</p> |
| <p>(3) If necessary, complete additional coursework to bring total to 60 transferable semester units.</p> | |

In addition to the statewide pattern, the following is the CSU San Marcos campus-specific pattern for the Option in Applied Exercise Science:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|---|
| <p>(1) If not taken as part of the statewide pattern complete all of the following:</p> <ul style="list-style-type: none"> • A course that articulates with [CSUSM BIOL 104], Principles of Biology: Human Emphasis - Principles of cellular, organismal and population biology with primary representation relating to the human organism. Includes study of cells, tissues, and mammalian organ systems. Primarily designed for nursing and kinesiology majors. <u>And</u> • A course that articulates with [CSUSM KINE 202], Introduction to Physical Education & Kinesiology - The goals of this course are to aid in the prospective majors in their career choices, to introduce students into fields closely related to exercise and nutritional sciences, to introduce students to current issues in exercise sciences, and to introduce students to key events and concepts in the evolution of exercise science as a discipline and as a profession. <u>And</u> • A course that articulates with [CSUSM KINE 204], Techniques and Analysis of Fitness & Weight Training - Analysis of the development, maintenance, implementation, and self-evaluation of physical fitness. Implementation of methods, techniques, instructional strategies, safety factors, motivation and necessary equipment for teaching physical fitness and weight training. Instruction and | <p>0-4 Units</p> <p>0-2 Units</p> <p>0-3 Units</p> |

| | |
|---|---|
| <p>techniques in individual skills and strategies in weight training; also includes instruction on stretching for flexibility and injury prevention. <u>And</u></p> <ul style="list-style-type: none"> • A course that articulates with [CSUSM PSYC 100], Introduction to Psychology - Introduction to basic concepts, problems, and research methods in the science of psychology. Includes perception, cognitive processes, learning, motivation, measurement, development, personality, abnormal behavior, and biological and social bases of behavior, including cross-cultural issues. <u>And</u> • A course that articulates with [CSUSM CHEM100], Chemistry of Life - Structure, function, and properties of bio- organic/biochemical molecules important to life, health and nutrition. The areas covered are atomic and molecular structure, chemical and physical properties of bioorganic functional groups, carbohydrates, fats, amino acids, proteins, enzymes, hormones, nucleic acids, digestion, and nutrition. Also discusses the aesthetic, humanistic and practical aspects of science, where applicable, related to economic, health, historical [including contributions made by women and minorities], and/or political issues influenced by chemistry. | <p>0-3 Units</p> <p>0-5 Units</p> |
| <p>(2) If necessary, complete additional coursework to bring total to 60 transferable semester units.</p> | |

In addition to the statewide pattern, the following is the CSU San Marcos campus-specific pattern for the Option in Pre-Physical Therapy:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|---|
| <p>(1) If not taken as part of the statewide pattern complete <u>all</u> of the following:</p> <ul style="list-style-type: none"> • A course that articulates with [CSUSM BIOL 104], Principles of Biology: Human Emphasis - Principles of cellular, organismal and population biology with primary representation relating to the human organism. Includes study of cells, tissues, and mammalian organ systems. Primarily designed for nursing and kinesiology majors. <u>And</u> • A course that articulates with [CSUSM KINE 202], Introduction to Physical Education & Kinesiology - The goals of this course are to aid in the prospective majors in their career choices, to introduce students into fields closely related to exercise and nutritional sciences, to introduce students to current issues in exercise sciences, and to introduce students to key events and concepts in the evolution of exercise science as a discipline and as a profession. <u>And</u> • A course that articulates with [CSUSM KINE 204], Techniques and Analysis of Fitness & Weight Training - Analysis of the development, maintenance, implementation, and self-evaluation of physical fitness. Implementation of methods, techniques, instructional strategies, safety factors, motivation and necessary equipment for teaching physical fitness and weight training. Instruction and techniques in individual skills and strategies in weight training; also includes instruction on stretching for flexibility and injury prevention. <u>And</u> • A course that articulates with [CSUSM PSYC 100], Introduction to Psychology - Introduction to basic concepts, problems, and research methods in the science of psychology. Includes perception, cognitive processes, learning, motivation, measurement, development, personality, abnormal behavior, and biological and social bases of behavior, including cross-cultural issues. <u>And</u> • A course that articulates with [CSUSM CHEM100], Chemistry of Life - Structure, function, and properties of bio- organic/biochemical molecules important to life, health and nutrition. The areas covered are atomic and molecular structure, chemical and physical properties of bioorganic functional groups, carbohydrates, fats, amino acids, proteins, enzymes, hormones, nucleic acids, digestion, and nutrition. Also discusses the aesthetic, humanistic and practical aspects of science, where applicable, related to economic, health, historical [including contributions made by women and minorities], and/or political issues influenced by chemistry. <u>And</u> • A course that articulates with [CSUSM KINE 200], First Aid and Safety - Included in the subject will be wounds, splinting, burns, rescue breathing, diabetes, epilepsy, heart failure, stroke and environmental emergencies. <u>And</u> • A course that articulates with [CSUSM KINE 201], CPR and AED - The basic life support for Healthcare Providers covers core material such as adult and pediatric | <p>0-4 Units</p> <p>0-2 Units</p> <p>0-3 Units</p> <p>0-3 Units</p> <p>0-5 Units</p> <p>0-1 Units</p> <p>0-1 Units</p> |

| | |
|--|------------------|
| CPR, foreign body airway obstruction, and automated external defibrillation [AED]. <u>And</u> | 0-8 Units |
| <ul style="list-style-type: none"> • Courses that articulate with [CSUSM'S PHYS 101 and PHYS 102], Introduction to Physics I and Introduction to Physics II. | |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

In addition to the statewide pattern, the following is the CSU San Marcos campus-specific pattern for the Option in Health Science:

| Campus-Specific Pattern | Semester Unit Requirement |
|--|--|
| (1) If not taken as part of the statewide pattern complete <u>all</u> of the following: <ul style="list-style-type: none"> • A course that articulates with [CSUSM BIOL 104], Principles of Biology: Human Emphasis - Principles of cellular, organismal and population biology with primary representation relating to the human organism. Includes study of cells, tissues, and mammalian organ systems. Primarily designed for nursing and kinesiology majors. <u>And</u> • A course that articulates with [CSUSM KINE 202], Introduction to Physical Education & Kinesiology - The goals of this course are to aid in the prospective majors in their career choices, to introduce students into fields closely related to exercise and nutritional sciences, to introduce students to current issues in exercise sciences, and to introduce students to key events and concepts in the evolution of exercise science as a discipline and as a profession. <u>And</u> • A course that articulates with [CSUSM KINE 204], Techniques and Analysis of Fitness & Weight Training - Analysis of the development, maintenance, implementation, and self-evaluation of physical fitness. Implementation of methods, techniques, instructional strategies, safety factors, motivation and necessary equipment for teaching physical fitness and weight training. Instruction and techniques in individual skills and strategies in weight training; also includes instruction on stretching for flexibility and injury prevention. <u>And</u> • A course that articulates with [CSUSM PSYC 100], Introduction to Psychology - Introduction to basic concepts, problems, and research methods in the science of psychology. Includes perception, cognitive processes, learning, motivation, measurement, development, personality, abnormal behavior, and biological and social bases of behavior, including cross-cultural issues. <u>And</u> • A course that articulates with [CSUSM CHEM100], Chemistry of Life - Structure, function, and properties of bio- organic/biochemical molecules important to life, health and nutrition. The areas covered are atomic and molecular structure, chemical and physical properties of bioorganic functional groups, carbohydrates, fats, amino acids, proteins, enzymes, hormones, nucleic acids, digestion, and nutrition. Also discusses the aesthetic, humanistic and practical aspects of science, where applicable, related to economic, health, historical [including contributions made by women and minorities], and/or political issues influenced by chemistry. <u>And</u> • A course that articulates with [CSUSM KINE 200], First Aid and Safety - Included in the subject will be wounds, splinting, burns, rescue breathing, diabetes, epilepsy, heart failure, stroke and environmental emergencies. <u>And</u> • A course that articulates with [CSUSM KINE 201], CPR and AED - The basic life support for Healthcare Providers covers core material such as adult and pediatric CPR, foreign body airway obstruction, and automated external defibrillation [AED]. | 0-4 Units 0-2 Units 0-3 Units 0-3 Units 0-5 Units 0-1 Units 0-1 Units |
| (2) If necessary, complete additional coursework to bring total to 60 transferable semester units. | |

**Kinesiology/Physical Education
LOWER-DIVISION TRANSFER PATTERN
Sonoma State University Campus-Specific Pattern**

In addition to the statewide pattern, the following is the Sonoma State University campus-specific pattern:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|---|
| <p>(1) If not taken as part of the statewide pattern complete <u>all</u> of the following:</p> <ul style="list-style-type: none"> • A course that articulates with Elementary Statistics - An introduction to elementary statistics with topics that include: elementary descriptive and inferential statistics, discrete probability theory, sampling, random variables, special distributions, central limit theorem, estimation, tests of hypothesis, analysis of variance, and linear regression and correlation. <u>And</u> • A course that articulates with Human Nutrition - A course that covers concepts of modern nutrition, including some discussion of principal nutritional problems and modern food processing methods. <u>And</u> • A course that articulates with Introduction to Computers and Computing - A course that covers topics such as computer types, history of computing, computer organizations, survey of computer languages, program development, computer applications, networking, and computers in society. | <p>0-4 units</p> <p>0-3 units</p> <p>0-3 units</p> |
| <p>(2) If necessary, complete additional coursework to bring total to 60 transferable semester units.</p> | |

Kinesiology/Physical Education LOWER-DIVISION TRANSFER PATTERN CSU Stanislaus Campus-Specific Pattern

In addition to the statewide pattern, the following is the CSU Stanislaus campus-specific pattern:

| Campus-Specific Pattern | Semester Unit Requirement |
|---|---|
| <p>(1) If not taken as part of the statewide pattern complete <u>all</u> of the following:</p> <ul style="list-style-type: none"> • A course that articulates with [CSUST CHEM 1000], Chemistry in the Modern World - A course that covers the basic principles of chemistry as applied to the world around us. <u>And</u> • A course that articulates with [CSUST BIOL 1010], Principles of Biology - An introductory course to basic biological phenomena common to all living organisms, with topics that include cellular and molecular levels of organization, genetics, and the mechanisms of heredity in organic evolution, environmental associations, structure as it relates to function, and reproduction from the molecular to gross structural levels. <u>And</u> • A course that articulates with [CSUST BIOL 1020 - 1029], World of Biology Laboratory - A basic laboratory and/or field studies in various biological areas. <u>And</u> • A course that articulates with [CSUST MATH 1600], Statistics - An introductory course on the description of sample data, probability and probability distributions, sampling and estimation, testing hypotheses, correlation and regression, and analysis of variance. <u>And</u> • A course that articulates with [CSUST HLTH 1000], Health in Today's Society - A course that covers contemporary health problems and concerns with topics such as mental and emotional health, sexuality, nutrition, fitness, diseases, consumer education, environmental health, safety, aging, and death and dying. | <p>0-3 units</p> <p>0-3 units</p> <p>0-1 units</p> <p>0-4 units</p> <p>0-3 units</p> |
| <p>(2) If necessary, complete additional coursework to bring total to 60 transferable semester units.</p> | |