KINESIOLOGY, BS, CONCENTRATION IN ALLIED HEALTH

Social Sciences and Education (sse) (https://catalog.csub.edu/general-information/ssub-information/school-social-sciences-education/)

Department of Kinesiology (https://catalog.csub.edu/general-information/ssub-information/school-social-sciences-education/department-kinesiology/)

Department Chair: Theresa Hickey, Ph.D.
Office: Education Building, 138
Phone: (661) 654-6982
Email: KINE@csub.edu

www.csub.edu/sse/kine (http://www.csub.edu/sse/kine/)

Program Maps for Social Sciences and Education (https://programmap.csub.edu/academics/interest-clusters/a94a03c6-bc7d-471f-b602-cfefa852c1aa/)

Program Description
The Bachelor of Science Degree in Kinesiology at CSUB covers a broad knowledge base that represents several disciplines that include physical activity leadership, clinical exercise science, personal training and allied health professions. Students majoring in Kinesiology have three concentrations to choose from: Applied Exercise Science, Physical Activity Leadership and Allied Health.

The Concentration in Applied Exercise Science prepares students for careers in the fitness/wellness industry (e.g., corporate fitness) and certain clinical rehabilitation settings (e.g., cardiac rehabilitation). This concentration also provides students with the opportunity to prepare for advanced studies in related disciplines (e.g., master’s degree in exercise physiology). This concentration follows current guidelines for academic programs in and prepares students for nationally recognized professional certifications offered by the American College of Sports Medicine (ACSM), and the National Strength and Conditioning Association (NSCA).

The Concentration in Physical Activity Leadership prepares students for careers or programs aimed at increasing physical activity. This concentration provides students with the skills and knowledge to become physical education teachers, after-school program leaders, personal trainers, parks and recreation fitness leaders and many more.

The Concentration in Allied Health prepares students that are interested in graduate/professional preparation programs such as Physical Therapy, Occupational Therapy and Physician Assistants. The curriculum includes the majority of courses required as prerequisites for entry into those programs.

Also, the department offers a variety of activity courses (1500-level) for recreational/fitness purposes. These activity courses are offered on a credit/no-credit basis and 4 units are included in the Kinesiology major requirements. Kinesiology majors must complete 4 different activity courses for the major. Only one online activity course will count toward the major.

Program Requirements
The Bachelor of Science Degree with a major in Kinesiology requires a minimum of 120 units which includes courses for the major and courses for the other university-wide general education graduation requirements.

Discipline Requirements for the Major
Students interested in majoring in Kinesiology should obtain general information about the program early in their lower division career. After declaring as a major in Kinesiology, the student should meet with an appointed advisor within the department to plan a course of study in a specific concentration. This is essential given that certain courses are offered only once a year and that many courses have prerequisites that require completion of sequenced non-major and major courses in order to fulfill these requirements. The cognate courses are some of these prerequisites and are best taken with the lower division general education courses prior to reaching Upper Division status. Majors must earn a grade of “C-” or better in all KINE courses as well as cognate and elective courses required for the major.

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td></td>
<td>General Education Requirements</td>
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<td>First-Year Seminar (FYS)</td>
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<td>Lower Division Area A: Foundational Skills</td>
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<td>Lower Division Area B: Natural Sciences</td>
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<td>Lower Division Area C: Arts and Humanities</td>
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<td>Lower Division Area F: Ethnic Studies</td>
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<td>KINE 1020</td>
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<td>Required Core Courses</td>
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<tr>
<td>KINE 1018</td>
<td>Lifetime Fitness</td>
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<td>KINE 2000</td>
<td>Introduction to Kinesiology</td>
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<td>KINE 3000</td>
<td>Motor Growth and Development Across the Lifespan</td>
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<td>Measurement and Evaluation in Kinesiology</td>
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<td>KINE 3020</td>
<td>Psychology of Sport and Physical Activity</td>
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<td>KINE 3030</td>
<td>Functional Anatomy in Kinesiology</td>
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<td>Physiology of Exercise</td>
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<tr>
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<td>Concentration in Allied Health</td>
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<td>Required Major Courses</td>
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<td>KINE 2100</td>
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<td>Sports Medicine II: Therapeutic Modalities</td>
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<td>KINE 4130</td>
<td>Biomechanics of Exercise and Sport</td>
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**Chemistry Cognate Course**

- CHEM 1000 Foundations of Chemistry: 3 units
- or CHEM 1010 Preparation for College Chemistry: 3 units
- or CHEM 1003 Foundations of Chemistry for Healthcare Professionals: 3 units

**Additional Cognate Courses**

- BIOL 2210 Human Anatomy: 4 units
- BIOL 2220 Human Physiology: 4 units
- BIOL 2240 Principles of Nutrition: 2 units

**Major Electives**

Select 18 units from the following:

- BIOL 2230 Microbiology: 4 units
- CHEM 1000 Foundations of Chemistry: 3 units
- CHEM 1001 Foundations of Chemistry Laboratory: 3 units
- CHEM 1100 Foundations of Analytical Chemistry: 4 units
- CHEM 1600 Foundations of Physical Chemistry: 4 units
- CHEM 2300 Foundations of Organic Chemistry: 4 units
- KINE 4150 Clinical Exercise Physiology: 3 units
- KINE 4160 Exercise and Aging: 3 units
- KINE 4230 Physical Activity for Individuals with Disabilities: 2 units
- MATH 1040 Precalculus I and II Combined: 5 units
- or MATH 1050 Precalculus I: 5 units
- NURS 1010 Medical Terminology: 4 units
- NURS 2190 Lifespan Development: 4 units
- PHYS 2110 College Physics I: 4 units
- PHYS 2120 College Physics II: 4 units
- PSYC 2230 Biological Psychology: 4 units
- PSYC 2250 Lifespan Development: 4 units
- PSYC 3250 Child Psychology: 4 units
- PSYC 3270 Abnormal Psychology: 4 units

**Activity Courses**

Select four of the following: 4 units

- ATHL 1403 Intercollegiate Basketball: 3 units
- ATHL 1413 Intercollegiate Wrestling: 3 units
- ATHL 1423 Intercollegiate Track, Men's: 3 units
- ATHL 1433 Intercollegiate Track, Women: 3 units
- ATHL 1443 Intercollegiate Women's Cross Country: 3 units
- ATHL 1473 Intercollegiate Volleyball: 3 units
- ATHL 1483 Intercollegiate Men's Swimming: 3 units
- ATHL 1493 Intercollegiate Women's Swimming: 3 units
- ATHL 1503 Intercollegiate Softball: 3 units
- ATHL 1515 Intercollegiate Women's Soccer: 3 units
- ATHL 1523 Intercollegiate Golf: 3 units
- ATHL 1543 Intercollegiate Women's Basketball: 3 units
- ATHL 1553 Intercollegiate Baseball: 3 units
- ATHL 1563 Intercollegiate Sand Volleyball: 3 units
- ATHL 1573 Spirit Squad: 3 units
- ATHL 1583 Intercollegiate Men's Soccer: 3 units

**Kinesiology Courses**

- KINE 1502 Basketball: 3 units
- KINE 1503 Yoga: 3 units
- KINE 1504 Intramurals: 3 units
- KINE 1505 Jogging: 3 units
- KINE 1506 Walking: 3 units
- KINE 1507 Bicycling: 3 units
- KINE 1510 Judo: 3 units
- KINE 1512 Weight Training: 3 units
- KINE 1513 Swim Fitness: 3 units
- KINE 1514 Indoor Cycling: 3 units
- KINE 1515 Interval Training: 3 units
- KINE 1517 Triathlon: 3 units
- KINE 1520 Lifeguard Training: 3 units
- KINE 1522 Water Polo: 3 units
- KINE 1523 Dance: 3 units
- KINE 1524 Archery: 3 units
- KINE 1525 Badminton: 3 units
- KINE 1526 Tennis: 3 units
- KINE 1527 Ultimate Frisbee: 3 units
- KINE 1530 Kickboxing: 3 units
- KINE 1532 Soccer: 3 units
- KINE 1533 Volleyball: 3 units
- KINE 1535 Cardio Combat: 3 units
- KINE 1536 Introduction to Team Sports: 3 units
- KINE 1537 Climbing 101: 3 units
- KINE 1542 Bootcamp: 3 units
- KINE 1543 Karate: 3 units
- KINE 1544 Introduction to Scuba Diving: 3 units
- KINE 1545 Foundations of Functional Movement: 3 units
- KINE 1546 Beginning Swim: 3 units
- KINE 1547 Sand Volleyball: 3 units
- KINE 1550 Introduction to Olympic Lifting: 3 units
- KINE 1552 Fencing: 3 units
- KINE 1553 Intermediate Volleyball: 3 units
- KINE 1554 Pop Pilates: 3 units
- KINE 1555 Rugby: 3 units
- KINE 1556 Pickleball: 3 units
- KINE 1557 Beginning Golf: 3 units

**Online Courses**

- KINE 1505 Jogging: 3 units
- KINE 1506 Walking: 3 units
- KINE 1507 Bicycling: 3 units
- KINE 1513 Swim Fitness: 3 units

**Additional Units Needed Towards Graduation**: 4-5 units

**Total Units**: 119-120

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1. A modification to the GE program has been approved that allows major requirements to satisfy LD Area B.
2. SELF requirement is satisfied as part of the major (KINE 1018 Lifetime Fitness).
3. Capstone is satisfied as part of KINE 4868 Internship and Capstone.
KINE 2000 Introduction to Kinesiology is a prerequisite to all other core KINE courses 3000-level and above (it can be taken concurrently). Therefore, it should be taken as soon as possible within the required coursework.

Consultation with advisor highly recommended for alignment with professional preparation programs such as physical therapy, occupational therapy or physician's assistant.

Only 1 intercollegiate activity course will count toward the major

Only 1 online activity course will count toward the major