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KIN Majors receive this handbook free at their first advising session

$5.00 will be charged for second copies.
INTRODUCTION

Welcome to the Department of Kinesiology at San José State University! ([http://www.sjsu.edu/kinesiology/](http://www.sjsu.edu/kinesiology/))

In an atmosphere of social justice, equity, and sensitivity to issues of diversity, the Department of Kinesiology seeks to:

- Assist in fulfilling the mission of San José State University
- Prepare exemplary Kinesiology professionals
- Promote and provide for lifetime fitness activities for all
- Promote and provide for the academic study of sport, physical activity, and human movement

Additionally, the department will:

- Provide a high quality educational experience for our students
- Instill respect for learning and the learning process
- Help students learn to learn, think critically and independently
- Prepare students for life and society
- Offer a diverse and contemporary selection of activity, general education, undergraduate, and graduate courses
- Promote and provide for scholarship and professional activity
- Facilitate and promote community interaction

Students are encouraged to become actively involved in their profession through classroom and laboratory experiences, internships, and extracurricular activities. Many opportunities are available for students to become professionally involved including participation in student clubs and attendance at local, regional, and national conferences. These activities facilitate networking with other students, faculty, and professionals working in the field. There are a few student clubs in the Department of Kinesiology:

- **Phi Epsilon Kappa (PEK):** Physical Education Honor Fraternity is open to Kinesiology majors who meet the scholastic requirements. A PEK mailbox is in SPX 56, and information is posted on the KIN bulletin boards.

- **Spartan Athletic Training Organization (SPATO):** Open to all Kinesiology majors and minors with interests in Sports Medicine/Athletic Training. Watch for information posted on the KIN bulletin boards.

- **Adapted Physical Activity Club:** Open to anyone with an interest in supporting physical activity and/or sport opportunities at university and community events for individuals with disabilities.

- **Kinesiology Student Council:** Open to all SJSU students majoring (or minoring) in Kinesiology interested in promoting camaraderie and fellowship among undergraduate and graduated students in Kinesiology; promoting a positive image of Kinesiology; fostering community and professional involvement; promoting professionalism in our fields and promoting a physically fit lifestyle across campus and the community.

[http://www.kin.sjsu.edu/kinclub/about.html](http://www.kin.sjsu.edu/kinclub/about.html)

Information about the student clubs and professional conferences are posted on the KIN bulletin boards, announced in classes (particularly KIN 70), and published in the Communicator, a newsletter written for KIN majors and minors by Dr. Shirley Reekie, Department Chair.

**International opportunities**, including study abroad, are available through the Center for International Sport and Human Performance. For information about these opportunities, see Dr. Shirley Reekie or Dr. Gong Chen.
Department of Kinesiology Statement of Core Values

The Department of Kinesiology adopts the following Core Values in support of our overall mission:

- A balance between work and life
- Quality teaching, programs, curriculum
- Democratic governance with opportunities for participation
  - Equity, fairness, and social justice
    - Sensitivity to diversity
- Collaboration within and between our sub-disciplines
  - Respect for individuals and our sub-disciplines
    - Collegiality in the workplace
    - Physically active lifestyles
    - Efficiency of Human Movement

Π Departmental Honors Program Π

Graduation with departmental honors can only be achieved by successful completion of the Senior Seminar Honors program (KIN 185H). This program is open to Kinesiology majors with a cumulative grade point average of 3.2 or higher and a 3.5 or higher average in the major.

* * * * * * * * * *

This handbook has been compiled by the Department of Kinesiology in an effort to fully inform the major students in this department of pertinent information about Kinesiology while conveying the most effective and efficient means of fulfilling their university graduation requirements. To attain those objectives, sections have been included to describe Kinesiology in general and the Department of Kinesiology in particular. Also included in the handbook is a description of the three major steps to be completed by Kinesiology major students intending to attain the Bachelor of Science Degree at San José State University. Other pertinent information included in the handbook is a list of Kinesiology Department faculty members, student responsibilities, specific curricular requirements for the individual emphases within the department, and instructions for, and a sample of, the Major Form to start an application for graduation.

While the currency and accuracy of this handbook is carefully regulated, students should recognize that the official record of their curriculum is the San José State University General Catalog which was in effect at the official time of onset of their program. In addition, while the department provides individual advisors for students majoring and minoring in Kinesiology, as well as documents such as this handbook, students are personally responsible for maintaining accurate and current information concerning the department and their curricular programs.
KINESIOLOGY

Kinesiology is the academic discipline concerned with the art and science of human movement. This discipline encompasses the study of the human organism in work, play, games, sport, aquatics, dance, and other forms of human movement. Specific sub-disciplines within Kinesiology are: Philosophy, History, Sociology and Psychology of Sport/Physical Education, as well as Kinesiology, Biomechanics, Exercise Physiology, Motor Development, Motor Learning, Motor Control, and Teacher Education. Careers in areas related to Kinesiology are many and varied. Listed below are some potential career areas related to Kinesiology.

CAREER AREAS RELATED TO KINESIOLOGY

Public Schools:
- Athletic Administrator
- Athletic Coach
- Athletic Trainer
- Teacher of Physical Education
- Teacher of Adapted Physical Education

Colleges and Universities:
- Same as Public Schools, plus:
  - Intramural Director
  - Sports Information Director
- Teacher and/or researcher in:
  - Adapted Physical Education
  - Anthropology
  - Athletic Administration
  - Biomechanics
  - Exercise Physiology
  - History
  - Kinesiology
  - Motor Control
  - Motor Development
  - Motor Learning
  - Pedagogy
  - Philosophy
  - Physical Education
  - Psychology of Movement
  - Sociology
  - Sports Management

Professional Athletics:
- Many of the above plus:
  - Athlete
  - Facilities Manager
  - Sports Artist
  - Sports Broadcaster
  - Sports Journalist
  - Sports Psychologist

Other Public Enterprises:
- Many of the above plus:
  - Employee in Cardiac Rehabilitation Programs
  - Fitness, Health, Stress Management, Weight Control Counselor
  - Manager/Employee of Health/Athletic/Fitness Club, Resort, YMCA, or Sports Medicine Clinic
  - Biomechanical Analyst
  - Sports Psychologist
  - Early Education Movement Specialist (preschools, child development centers)
  - Adult Education Movement Specialist (retirement centers, outreach programs)
  - Recreation Director or Sports Leader for club, church, hospital, penitentiary, camp, or other private or public agency
  - Private Fitness or Sports Instructor/Coach
  - Sporting Goods Salesperson

Medicine:
- C-V Rehabilitation
- C-V Technology
- Developmental Physical Educator
- Occupational Therapy
- Physical Therapy
- Play or Movement Therapy
- Sports Medicine

KIN Handbook 8/10
San José State University is the oldest public institution of higher education in California and is located in Santa Clara Valley, the heart of Silicon Valley. This area, once known for its flowers and orchards, is now known as the "Headquarters for the 21st Century." The Department of Kinesiology at San José State is housed within the College of Applied Sciences and Arts and offers a diverse curriculum related to human movement, physical education, and sports. Classes in the department are instructed by highly qualified specialists who are dedicated to the success and well-being of students. Course work in the department often involves laboratory or practical experiences. These kinds of experiences are facilitated by fully equipped laboratories in exercise physiology, biomechanics, athletic training, motor learning, and stress management. These labs contain state-of-the-art equipment such as a biomechanical force platform, digitizer, and high speed filming equipment; metabolic cart; electrocardiographs; as well as an array of computer systems and related software. Classes are instructed in laboratories, classrooms, gymnasiums, and pool/aquatic areas, and outdoor field and court areas.

All students declaring a major in **Kinesiology** at San José State University select an area of emphasis. The nine emphasis areas are:

- Adapted Physical Activity
- Exercise and Fitness Specialist
- Individualized Studies
- Movement Science
- Pre-Professional
- Societal Studies
- Sport Management
- Teaching Physical Education
- Teaching, Adapted Physical Education

All students declaring a major in **Athletic Training** will follow requirements for the Athletic Training Education Program which leads to a Bachelor of Science Degree in Athletic Training.

All emphases available in the Department of Kinesiology are described in the EMPHASES section of this handbook and are diagrammed schematically on page 8. As depicted in the diagram, completion of the emphasis in Kinesiology is one of three major steps which must be successfully completed to attain the Bachelor of Science Degree in Kinesiology or a Bachelor of Science degree in Athletic Training. The remaining two steps include: completion of all required GENERAL EDUCATION COURSE WORK and completion of the CORE CURRICULUM (detailed later in this handbook) in Kinesiology. These steps are more thoroughly examined in the three major steps to attaining a Bachelor of Science degree in the Department of Kinesiology section of this handbook. Completion of the three steps as outlined in this advising handbook results in a 120 unit degree program.

The Department of Kinesiology prides itself on academic honesty. Students should be fully aware of the University's policy on academic dishonesty (refer to University Catalog). Questions concerning plagiarism, academic dishonesty, or the level of collaboration permitted on individual and group projects should be directed to the course instructor.
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<th>Specialization</th>
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<th>Office #</th>
<th>Email</th>
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<tr>
<td>Butler, Stan</td>
<td>Teacher Education</td>
<td>924-3044</td>
<td>YUH 204</td>
<td><a href="mailto:sbutler@kin.sjsu.edu">sbutler@kin.sjsu.edu</a></td>
</tr>
<tr>
<td></td>
<td>Activities Specialist</td>
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<tr>
<td>Butryn, Ted</td>
<td>Graduate Coordinator</td>
<td>924-3068</td>
<td>YUH 011</td>
<td><a href="mailto:tbutryn1@kin.sjsu.edu">tbutryn1@kin.sjsu.edu</a></td>
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<tr>
<td></td>
<td>Sociology/Psychology of Sport</td>
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<tr>
<td>Brown, Holly</td>
<td>Clinical Coordinator, Undergraduate</td>
<td>924-3035</td>
<td>SPX 072</td>
<td><a href="mailto:hbrown@kin.sjsu.edu">hbrown@kin.sjsu.edu</a></td>
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<tr>
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<td>Athletic Education Program</td>
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<tr>
<td>Chen, Gong</td>
<td>Activities Coordinator</td>
<td>924-3033</td>
<td>YUH 206A</td>
<td><a href="mailto:gongchen@kin.sjsu.edu">gongchen@kin.sjsu.edu</a></td>
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<tr>
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<tr>
<td>Chin, Jessica</td>
<td>Research/Core Specialist</td>
<td>924-3069</td>
<td>SPX 106</td>
<td><a href="mailto:jchin@kin.sjsu.edu">jchin@kin.sjsu.edu</a></td>
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<td>Cisar, Craig</td>
<td>Exercise Physiology</td>
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<td>SPX 105</td>
<td><a href="mailto:cisar@kin.sjsu.edu">cisar@kin.sjsu.edu</a></td>
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<tr>
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<td>SPX 071</td>
<td><a href="mailto:adouex@kin.sjsu.edu">adouex@kin.sjsu.edu</a></td>
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<tr>
<td>Han, KyungMo</td>
<td>Director, Undergraduate Athletic Training</td>
<td>924-3041</td>
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<td><a href="mailto:han@kin.sjsu.edu">han@kin.sjsu.edu</a></td>
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<td>Johnson, Jay</td>
<td>Physical Activity/Sports Studies</td>
<td>924-3029</td>
<td>SPX 106</td>
<td><a href="mailto:jjohnson@kin.sjsu.edu">jjohnson@kin.sjsu.edu</a></td>
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<tr>
<td>Kao, Jim</td>
<td>Biomechanics/Motor Development</td>
<td>924-3026</td>
<td>YUH 039</td>
<td><a href="mailto:jkao@kin.sjsu.edu">jkao@kin.sjsu.edu</a></td>
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<tr>
<td>Lilienthal, Sonja</td>
<td>Sports Management</td>
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<td><a href="mailto:sliilienthal@kin.sjsu.edu">sliilienthal@kin.sjsu.edu</a></td>
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<tr>
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<td>SPX 104</td>
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<tr>
<td>Plato, Peggy</td>
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<td>SPX 084</td>
<td><a href="mailto:plato@kin.sjsu.edu">plato@kin.sjsu.edu</a></td>
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<td>Department Chair</td>
<td>924-3020</td>
<td>SPX 058</td>
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<td>Semerjian, Tamar</td>
<td>Sport Psychology</td>
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<td>SPX 072</td>
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<tr>
<td>Wughalter, Emily</td>
<td>Undergraduate Coordinator</td>
<td>924-3043</td>
<td>SPX 076</td>
<td><a href="mailto:ewughalter@kin.sjsu.edu">ewughalter@kin.sjsu.edu</a></td>
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STUDENT RESPONSIBILITIES
REGARDING COMPLETION OF A MAJOR PROGRAM
IN THE DEPARTMENT of KINESIOLOGY

I. Upon finalizing your decision to study at San José State University in the Department of Kinesiology, make an appointment to speak to the Advising Manager for an orientation to the department.

II. Each semester:
   A. Use the SJSU website to check the schedule of classes.
   B. Make an early appointment (well in advance of registration for next semester) with your assigned departmental advisor to check your schedule for the subsequent semester and clear up scheduling questions. Please try to avoid winter and summer vacations when your advisor may not be available. Think ahead!!
   C. Continue to consult with your advisor concerning academic problems and questions. Communicate!
   D. Check the KIN bulletin boards in SPX weekly for announcements and/or academic deadlines that may be posted.
   E. Make sure all of the prerequisites for your courses have been met. Prerequisites are noted in the SJSU Catalog. This is YOUR responsibility!

III. Sophomore Year/Junior Transfers:
   A. Make sure prerequisites to upper division courses are being satisfied. Transfer Students: GRADE REPORTS OR TRANSCRIPTS MUST BE PROVIDED FOR ALL PREREQUISITE COURSES. COURSE DESCRIPTIONS MUST BE PROVIDED FOR NON-ARTICULATED COURSES.
   B. Students may need to complete the Application for Review of Coursework from Other Institutions to have Kinesiology major course work approved that was completed at other institutions.
   C. Take the Writing Skills Test (WST) as soon as possible after finishing English 1B. See Schedule of Classes for test dates. An information packet is available in the Testing Office, Administration 218.

IV. Junior Year:
   A. Meet with your assigned department advisor to confirm that you are satisfying all requirements within your selected emphasis.
   B. It is strongly suggested to complete KIN 100W in the junior year. Not mandatory in the Junior year, but must be completed to fulfill graduation requirements

V. Senior Year:
   A. Fill out your Major/Minor Forms. Notices of the graduation application filing date will be posted on the KIN bulletin boards.
   B. Submit Application For Graduation to the Bursars Office. Submit Major/Minor Forms to Admissions & Records after Major/Minor Forms have been signed by those designated. Final application deadline is published each semester in the Schedule of Classes.
   C. Maintain an awareness of all other pending deadlines. For example, graduate school or Single Subject Credential Program application deadlines may be approaching.
CHECK LIST FOR TRANSFER STUDENTS IN KINESIOLOGY

Name ____________________________________________ Date ____________

Note: Do not assume that classes taken elsewhere are transferable. See the advising chair or undergraduate coordinator to establish which classes will be accepted by the Department of Kinesiology at San José State University. Bring in transcripts and catalogues at that time. This check should be completed early in your first semester at SJSU to give you time to take classes for which credit was not transferable.

Request for the following substitutions:

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Request for acceptance of courses in support of KIN courses (prerequisites to KIN courses):

- Bio 65, Human Anatomy
- Bio 66, Human Physiology
- Chem 30A, Intro to Chemistry
- Any Math in Area B-4 in GE

(Signature of student) ____________ Date ____________

Signature of advising chair or undergraduate coordinator ____________ Date ____________
There are three major components to attain the Bachelor of Science Degree in Kinesiology or a Bachelor of Science Degree in Athletic Training at San José State University. These components are diagrammed schematically below and described in detail later in the handbook. For more detailed information about these three components, consult your assigned department advisor.

**DIAGRAM OF THE THREE MAJOR COMPONENTS**

(120 Unit Degree Program)

**Component I**
- General Education (59 units)
  pp. 9-10

**Component II**
- Core in Kinesiology (25 units)
  pp. 11-12

**Component III**
- Emphases (B.S. Kinesiology) (36 units)
- Choose One
  - Adapted Physical Activity
    pp. 15-16
  - Exercise and Fitness Specialist
    pp. 20-21
  - Individualized Studies
    pp. 22-23
  - Movement Science
    pp. 24-26
  - Pre-Professional
    pp. 27-28
  - Societal Studies
    pp. 29-31
  - Sport Management
    pp. 32-33
  - Teaching Physical Education
    pp. 34-35
  - Teaching Adapted Physical Education
    pp. 36

**OR**
- B.S. Athletic Training (36 units)
  pp. 17-19
THE THREE MAJOR COMPONENTS

I. COMPLETE GENERAL EDUCATION COURSE WORK

The first step to completing the Bachelor of Science Degree in Kinesiology or Bachelor of Science Degree in Athletic Training is completion of the General Education course work. Since this curriculum is composed of a minimum of 51 units of course work, the majority of courses taken during the freshman and sophomore years will be General Education. For specific information concerning the General Education curriculum, consult the current Schedule of Classes under “Instructions, Policies, and Procedures” at (http://info.sjsu.edu/home.schedules.html). A sample of the General Education Checklist is shown on the following page. For additional information, visit the Advising Hub at http://sjsu.edu/advising.

The following notes are of importance:

• Chem. 30A (fulfills Area B1 of Core GE), or a more advanced Chemistry course, is a graduation requirement for all KIN majors.

• Completion of a math course in Area B4 of Core GE (C grade or better) is a graduation requirement for all KIN majors.

• Biology 65, Human Anatomy (with human cadaver lab) and Biology 66, Human Physiology (fulfills area B2 and B3 of core GE) are required of all KIN majors. This applies to students starting college in fall 1998 or returning to college after a break (not continuously enrolled). Students who do not complete a human cadaver experience are required to complete Biology 65L (lab).

• Passing English 1B (C grade or better), passing the Writing Skills Test (WST) and junior level standing are required for all upper division general education courses. Check the Schedule of Classes for test dates or https://testing/sjsu.edu/twst/html.

• KIN majors must take 100W (Area Z, Written Communication II) in the KIN department. 100W must be completed (C grade or better) or be concurrently enrolled in order to take courses to satisfy SJSU Studies requirement.

• KIN 101 (Area S), NuFS/KIN 163 (Area R), and KIN/HS 169 (Area S) fulfill SJSU Studies requirements and 3 units may fulfill Kinesiology major requirements as elective coursework, based upon advisor approval. For a complete list of classes that fulfill SJSU Studies go to class schedules at http://info.sjsu.edu/web-dbgen/narr/soc-fall/rec-260.html.

Majors should have, for their personal use, a transcript of course work completed at community colleges and other 4-year institutions.

Students should provide the curriculum secretary in SPX 56 with a copy of all relevant transcripts. A copy of these transcripts should be in the student's major file in SPX 56.

Advising holds will not be removed until students have provided transcripts.

Note: Transcripts sent to Admissions and Records are not forwarded to Department office.
# Student's Unofficial Academic Planning Worksheet

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## Core General Education Requirements (39 units)

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<thead>
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<th>Course</th>
<th>Units</th>
<th>Where Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Basic Skills (9 units)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A1 Oral Communication*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A2 Written Communication 1A*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3 Critical Thinking*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>B. Science &amp; Math (9 units)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1 Physical Science</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B2 Life Science</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B3 Laboratory Science</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B4 Mathematical Concepts*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>C. Humanities &amp; Arts (9 units)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C1 Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C2 Letters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C3 Written Communication 1B*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>D. Social Sciences (9 units)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D1 Human Behavior</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D2 Comparative Systems</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D3 Social Issues</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>E. Human Understanding &amp; Development (3 units)</strong></td>
<td></td>
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</table>

## SJSU Studies GE Requirements (12 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Where Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Area R Earth &amp; Environment</strong></td>
<td></td>
<td>SJSU</td>
<td></td>
</tr>
<tr>
<td><strong>Area S Self, Society &amp; Equality in the U.S.</strong></td>
<td></td>
<td>SJSU</td>
<td></td>
</tr>
<tr>
<td><strong>Area V Culture, Civilization &amp; Global Understanding</strong></td>
<td></td>
<td>SJSU</td>
<td></td>
</tr>
<tr>
<td><strong>Area Z Written Communication II</strong>*</td>
<td></td>
<td>SJSU</td>
<td></td>
</tr>
</tbody>
</table>

All students must satisfy Area Z by: (1) taking one 100W course approved by their major—OR—(2) completing the Graduation Writing Assessment Requirement (GWAR) at another CSU or equivalent coursework at another university prior to SJSU enrollment—OR—(3) obtaining a waiver score on WST if their Major department permits.

## SJSU Graduation Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Where Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>American Institutions</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F1 U.S. History</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F2 U.S. Constitution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F3 California Government</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Physical Education Activity (2 different activity courses)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Please check the current schedule of classes to see which classes are currently being offered: [http://www.sjsu.edu/advising/links/ge](http://www.sjsu.edu/advising/links/ge)*
II. COMPLETE THE REQUIRED CORE CURRICULUM IN KINESIOLOGY AND ATHLETIC TRAINING

Except for KIN 70, the Kinesiology Core Curriculum is upper division. For that reason, most Kinesiology and Athletic Training majors do not begin consistent enrollment in Kinesiology Core course work until their junior year. The first two years of study typically involve completion of General Education course work.

CORE CURRICULUM (25 Units):
All Kinesiology students, regardless of their emphasis, must complete the following curriculum. STUDENTS MUST PASS ALL CORE, ACTIVITY AND EMPHASIS CLASSES WITH A GRADE OF C- OR BETTER. Students who do not meet this minimum standard will be expected to retake the course. It is the student's responsibility to register for the course. Students retaking a course, no matter what their status, will not be given special consideration for enrollment (adding) in following semesters. (Refer to the University General Catalog requirements for retaking a course through Academic Renewal.)

A. Lower Division (3 Units):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereqs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 70</td>
<td>Introduction to Kinesiology</td>
<td>3</td>
<td>Min. 30 units completed</td>
</tr>
</tbody>
</table>

(KIN 70 is a prerequisite to all upper division Kinesiology courses.
Exception: First semester students may take KIN 70 concurrently with other major courses.)

B. Upper Division (22 Units):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereqs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 155</td>
<td>Exercise Physiology</td>
<td>3</td>
<td>Kin 70, Math Area B4, Biol 66</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chem 30A</td>
</tr>
<tr>
<td>KIN 158</td>
<td>Biomechanics</td>
<td>3</td>
<td>Kin 70, Math Area B4, and Biol 65</td>
</tr>
<tr>
<td>KIN 160</td>
<td>History of Sport and Physical Education</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 161</td>
<td>Philosophical Perspectives of Sport</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 164</td>
<td>Sociocultural Perspectives</td>
<td></td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 165</td>
<td>Motor Development</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 166</td>
<td>Motor Learning</td>
<td>3</td>
<td>Kin 70 and Biol 66</td>
</tr>
<tr>
<td>KIN 175</td>
<td>Measurement and Evaluation</td>
<td>3</td>
<td>Kin 70 and Math Area B4</td>
</tr>
<tr>
<td>KIN 185</td>
<td>Senior Seminar</td>
<td>3</td>
<td>Kin 70, completion of 35 major units</td>
</tr>
<tr>
<td>KIN 185H</td>
<td>Honors Senior Seminar</td>
<td></td>
<td>See page 2 for scholastic eligibility</td>
</tr>
<tr>
<td>KIN</td>
<td>KIN Activity Courses</td>
<td>4</td>
<td>See next page for movement area categories</td>
</tr>
</tbody>
</table>

(KIN 70, completion of GE Math Area B4, Biol 65, Biol 66, and Chem 30A are prerequisites for other KIN courses and required for graduation. At the first class meeting, students must bring proof (such as grade reports or transcripts) of having met prerequisites. CPR certification is strongly recommended by the time of graduation.)

NOTE: The 4 activity courses are in addition to the 2 unit physical education graduation requirement.
**MOVEMENT AREAS**
**IN**
**ACTIVITY COURSES**

*(For activity selection in KIN Major Programs)*

<table>
<thead>
<tr>
<th>Area 1</th>
<th>Area 2</th>
<th>Area 3</th>
<th>Area 4</th>
<th>Area 5</th>
<th>Area 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combatives</td>
<td>Fitness</td>
<td>Dance</td>
<td>Individual/Dual</td>
<td>Team</td>
<td>Adventure</td>
</tr>
<tr>
<td>Aikido</td>
<td>Aerobics</td>
<td>Ballet</td>
<td>Archery</td>
<td>Basketball</td>
<td>Kayaking</td>
</tr>
<tr>
<td>Judo</td>
<td>Aquatic</td>
<td>Latin</td>
<td>Badminton</td>
<td>Ice Hockey</td>
<td>Mountaineering</td>
</tr>
<tr>
<td></td>
<td>Exercise</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Karate</td>
<td>Body Sculpting</td>
<td>Line/Country Western</td>
<td>Bowling</td>
<td>Rugby</td>
<td>Sailing</td>
</tr>
<tr>
<td>Self-Defense</td>
<td>Cardio- Kick</td>
<td>Lindy Hop/night Club Swing</td>
<td>Golf</td>
<td>Soccer</td>
<td>Scuba</td>
</tr>
<tr>
<td>Tae Kwon Do</td>
<td>Fitness Walking</td>
<td>Jazz</td>
<td>Gymnastics</td>
<td>Volleyball</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jogging</td>
<td>Modern</td>
<td>Handball</td>
<td>Athletics: Team</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Long Distance</td>
<td>Social</td>
<td>Ice Skating</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Swimming</td>
<td>Lifeguard Training</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pilates</td>
<td>Tap</td>
<td>Racquetball</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Step Training</td>
<td></td>
<td>Table Tennis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tai Chi</td>
<td></td>
<td>Swimming</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight Training</td>
<td></td>
<td>Table Tennis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yoga</td>
<td></td>
<td>Tennis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Athletics: Individual</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** (1) Because the KIN Department believes that the benefits of physical activity are obtained more by process than by product alone, the 4 unit activity requirement for the major core cannot be challenged. (2) The activity requirement for the KIN major core requires students to take 4 different activities in 4 different movement areas regardless of the unit value assigned. (3) Intercollegiate athletes may use 1 unit of ATH 1 time towards meeting the Physical Education requirement.
III. COMPLETE A SELECTED EMPHASIS IN KINESIOLOGY

Emphasis course work, like the Kinesiology Core Curriculum, is typically undertaken during the junior and senior years following completion of General Education requirements. Course work can be taken simultaneously with the Core Curriculum. The nine emphasis areas are:

- Adapted Physical Activity
- Exercise and Fitness Specialist
- Individualized Studies
- Movement Science
- Pre-Professional
- Societal Studies
- Sport Management
- Teaching Physical Education
- Teaching, Adapted Physical Education

For a Bachelor of Science degree in Kinesiology, students must successfully complete all General Education requirements (Core and SJSU Studies), course work in kinesiology core and an emphasis.

OR

COMPLETE THE ATHLETIC TRAINING EDUCATION PROGRAM

For a Bachelor of Science degree in Athletic Training, students must successfully complete all General Education requirements (Core and SJSU Studies), kinesiology core and the Athletic Training Education Program.

* Check out the “road map” for each emphasis area at http://www.sjsu.edu/kinesiology/advising.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 65</td>
<td>Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIO 66</td>
<td>Physiology</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 30A</td>
<td>Intro to Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>MATH ____</td>
<td>GE, Area B4</td>
<td>3</td>
</tr>
<tr>
<td>KIN 100W</td>
<td>Writing Workshop</td>
<td>3</td>
</tr>
<tr>
<td>KIN 070</td>
<td>Intro to Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 155</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 158</td>
<td>Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>KIN 160</td>
<td>History of Sport &amp; PE</td>
<td>3</td>
</tr>
<tr>
<td>or 161</td>
<td>Philosophy of Sport</td>
<td>3</td>
</tr>
<tr>
<td>or 164</td>
<td>Soc-Cult Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>KIN 165</td>
<td>Motor Development</td>
<td>3</td>
</tr>
<tr>
<td>or 166</td>
<td>Motor Learning</td>
<td>3</td>
</tr>
<tr>
<td>KIN 175</td>
<td>Measurement &amp; Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>KIN 185</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>or 185H</td>
<td>Honors Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

**Activity Courses (DEPT. REQUIREMENT)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN ____</td>
<td>____________________________</td>
<td>1</td>
</tr>
<tr>
<td>KIN ____</td>
<td>____________________________</td>
<td>1</td>
</tr>
<tr>
<td>KIN ____</td>
<td>____________________________</td>
<td>1</td>
</tr>
<tr>
<td>KIN ____</td>
<td>____________________________</td>
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</tbody>
</table>

**Core Curriculum**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 070</td>
<td>Intro to Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 155</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 158</td>
<td>Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>KIN 160</td>
<td>History of Sport &amp; PE</td>
<td>3</td>
</tr>
<tr>
<td>or 161</td>
<td>Philosophy of Sport</td>
<td>3</td>
</tr>
<tr>
<td>or 164</td>
<td>Soc-Cult Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>KIN 165</td>
<td>Motor Development</td>
<td>3</td>
</tr>
<tr>
<td>or 166</td>
<td>Motor Learning</td>
<td>3</td>
</tr>
<tr>
<td>KIN 175</td>
<td>Measurement &amp; Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>KIN 185</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>or 185H</td>
<td>Honors Senior Seminar</td>
<td>3</td>
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</table>

**Activity Courses (UNIVERSITY GRADUATION . REQUIREMENT)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN ____</td>
<td>____________________________</td>
<td>1</td>
</tr>
<tr>
<td>KIN ____</td>
<td>____________________________</td>
<td>1</td>
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</tbody>
</table>

**TOTAL:** 25 UNITS

**Emphasis:** __________________________

<table>
<thead>
<tr>
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<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN ____</td>
<td>____________________________</td>
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<td>KIN ____</td>
<td>____________________________</td>
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<tr>
<td>KIN ____</td>
<td>____________________________</td>
</tr>
<tr>
<td>KIN ____</td>
<td>____________________________</td>
</tr>
</tbody>
</table>

**TOTAL:** 36 UNITS

**NOTE:** ALL KIN COURSES WITHIN THE MAJOR MUST BE COMPLETED WITH A C- OR BETTER, EXCEPT KIN 100W, MUST BE COMPLETED WITH A C OR BETTER (ACCORDING TO UNIVERSITY POLICY.)
ADAPTED PHYSICAL ACTIVITY

The Adapted Physical Activity (APA) emphasis is designed to provide a KIN major with the specialized skills and knowledge to provide effective service delivery to individuals with disabilities in a physical activity (including recreation and sport) setting. A student in the APA emphasis will develop competencies in planning, assessing, coordinating, implementing, evaluating, and advocating appropriate physical activity for individuals with disabilities across their life spans in venues outside the K-12 public school setting. The role of the APA Specialist is to provide appropriate/effective physical activity opportunities that encourage movement skill acquisition/refinement and health-related fitness, facilitating self-actualization, empowerment, and independence in their target population. Examples of APA employment settings include infant/toddler programs, senior day or residential facilities, spinal cord injury rehabilitation centers, aquatic facilities, public/private recreation agencies, residential/seasonal camps, health/fitness clubs, disability sport programs, after school/community transition sites, etc.

Adapted Physical Activity Curriculum

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereqs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 107 (spring</td>
<td>Adapted Aquatics</td>
<td>1</td>
<td>Kin 70; Ability to pass basic swim test is recommended</td>
</tr>
<tr>
<td>only) KIN 156</td>
<td>Introduction to Adapted Physical Activity</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 159 (fall</td>
<td>Sport and Adapted Activities</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>only) KIN 165 or</td>
<td>Motor Development (whichever not taken in the CORE)</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 166</td>
<td>Motor Learning</td>
<td></td>
<td>Kin 70 and Biol 66</td>
</tr>
<tr>
<td>KIN 170C (spring</td>
<td>Fieldwork in Adapted Physical Activity (must register for a total</td>
<td>3</td>
<td>Kin 70; Kin 156; concurrent enrollment in Kin 172; or Kin 178 or Kin 179</td>
</tr>
<tr>
<td>only)</td>
<td>of three, 1 unit fieldwork experiences)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 174 (spring</td>
<td>Assessment of Psychomotor Function</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>only) KIN 187</td>
<td>Clinical Exercise Physiology</td>
<td>3</td>
<td>Kin 70 and Kin 155</td>
</tr>
<tr>
<td>(spring only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 188 KIN</td>
<td>Prevention and Care of Athletic Injuries</td>
<td>2</td>
<td>Kin 70 and Biol 65</td>
</tr>
<tr>
<td>014A</td>
<td>American Sign Language I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EdSE 014A</td>
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<td></td>
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</tr>
<tr>
<td>HRTM 097A</td>
<td>Event Plan</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HRTM 113</td>
<td>Leisure: Philosophy &amp; Education</td>
<td>3</td>
<td>Upper division standing</td>
</tr>
<tr>
<td>HRTM 197</td>
<td>Facilitation Process in Therapeutic Rec.</td>
<td>3</td>
<td>HRTM 112; HRTM 113; Upper division standing</td>
</tr>
<tr>
<td>---- XXX XXX</td>
<td>Additional Course Work (see next page)</td>
<td>3</td>
<td>Advisor approval</td>
</tr>
<tr>
<td>TOTAL UNITS</td>
<td></td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

Note: Students are strongly advised to complete CPR/First Aid certification.
<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>GE</th>
<th>CHECK PREREQS</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER 107</td>
<td>Aging &amp; Society</td>
<td>3</td>
<td>S</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>KIN 152</td>
<td>Theory of Sport Mgmt (fall only)</td>
<td>3</td>
<td></td>
<td>Kin 70 or Instructor consent</td>
</tr>
<tr>
<td>KIN 153</td>
<td>Sport Facility and Event Mgmt (spring only)</td>
<td>3</td>
<td></td>
<td>Kin 152 or Instructor consent</td>
</tr>
<tr>
<td>KIN 162</td>
<td>Fitness Assess &amp; Exer Prescrip (fall only)</td>
<td>3</td>
<td></td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>KIN 163</td>
<td>Physical Fitness and Nutrition</td>
<td>3</td>
<td>R</td>
<td>100W or Concurrent enrollment 100W</td>
</tr>
<tr>
<td>KIN 168</td>
<td>Psych of Coaching</td>
<td>3</td>
<td></td>
<td>Kin 70 or Instructor consent</td>
</tr>
<tr>
<td>KIN 194</td>
<td>Therapeutic Exercise (fall only)</td>
<td>3</td>
<td></td>
<td>Kin 191B</td>
</tr>
<tr>
<td>PSYC 110</td>
<td>Abnormal Psychology</td>
<td>3</td>
<td></td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 138</td>
<td>Exercise &amp; Mental Health</td>
<td>3</td>
<td></td>
<td>PSYC 1</td>
</tr>
<tr>
<td>HRTM 112</td>
<td>Intro to TR Service</td>
<td>3</td>
<td></td>
<td>Upper division standing</td>
</tr>
<tr>
<td>HRTM 185</td>
<td>Leisure, Recreation &amp; Aging</td>
<td>3</td>
<td></td>
<td>Upper division standing</td>
</tr>
</tbody>
</table>

OR other upper division elective selected by the candidate in consultation with assigned departmental advisor at least 30 units prior to graduation.
The purpose of the Commission on Accreditation of Athletic Training Education (CAATE) Accredited Athletic Training Education Program (ATEP) is to provide an in-depth understanding of the athletic training profession through physiological, kinesiological, and applied medical contexts. Students in this major will develop analytical, critical, and creative skills within sports medicine/athletic training. Students are required to complete a minimum of 800 hours of clinical experience. Successful completion of all required course work, including sequenced practicum experiences, makes a student eligible to take the Board of Certification (BOC) examination.

Curriculum for Athletic Training

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereqs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 162</td>
<td>Adv Fitness Assessment &amp; Exercise Prescription</td>
<td>3</td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>KIN 167 or KIN 168</td>
<td>Sport Psychology</td>
<td>3</td>
<td>Kin 70; PSYC 1</td>
</tr>
<tr>
<td>KIN 186</td>
<td>Pharmacology in Sports Medicine (online only)</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 188</td>
<td>Prevention and Care of Athletic Injuries</td>
<td>2</td>
<td>Kin 70; Bio 65</td>
</tr>
<tr>
<td>KIN 189</td>
<td>Prevention and Care of Athletic Injuries Lab</td>
<td>1</td>
<td>Kin 70 and Kin 188 (concurrent enrollment acceptable)</td>
</tr>
<tr>
<td>KIN 191A</td>
<td>Adv Assessment of Lower Extremity Injuries</td>
<td>3</td>
<td>Kin 188; Kin189</td>
</tr>
<tr>
<td>KIN 191B</td>
<td>Adv Assessment of Upper Extremity Injuries</td>
<td>3</td>
<td>Kin 191A</td>
</tr>
<tr>
<td>KIN 193</td>
<td>Organization &amp; Administration in Athletic Training</td>
<td>2</td>
<td>Kin 188</td>
</tr>
<tr>
<td>KIN 194</td>
<td>Therapeutic Exercise</td>
<td>3</td>
<td>Kin 191B</td>
</tr>
<tr>
<td>KIN 195</td>
<td>Therapeutic Modalities</td>
<td>3</td>
<td>Kin 70; Kin 188;</td>
</tr>
<tr>
<td>KIN 197A</td>
<td>Practicum in Athletic Training I</td>
<td>1</td>
<td>Kin 188; Kin 189</td>
</tr>
<tr>
<td>KIN 197B</td>
<td>Practicum in Athletic Training II</td>
<td>1</td>
<td>Kin 197A</td>
</tr>
<tr>
<td>KIN 197C</td>
<td>Practicum in Athletic Training III</td>
<td>1</td>
<td>Kin 197B</td>
</tr>
<tr>
<td>KIN 197D</td>
<td>Practicum in Athletic Training IV</td>
<td>1</td>
<td>Kin 197C</td>
</tr>
<tr>
<td>NUFS 8 or NUFS 9</td>
<td>Nutrition for the Health Professions</td>
<td>3</td>
<td>GE: Area E</td>
</tr>
<tr>
<td>HS 001 or HS 104</td>
<td>Understanding Your Health</td>
<td>3</td>
<td>GE: Area E</td>
</tr>
<tr>
<td></td>
<td>Community Health Promotion</td>
<td></td>
<td>Pre/Co requisite: HS 1</td>
</tr>
<tr>
<td>TOTAL UNITS</td>
<td></td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

In order to enroll in the KIN 197 A-D sequence of courses, students must be admitted to the ATEP. For additional information, contact the ATEP Director, Dr. KyungMo Han at (408) 924-3041 or han@kin.sjsu.edu. Application information is available via the ATEP website (www.sjsu.edu/at).
San José State University
Department of Kinesiology
B.S. in Athletic Training

UG ATEP Application Information

We accept applications once a year. The application deadline is **April 10, 5:00 p.m. for the Fall Admission.** Please note that if an application deadline falls on a weekend, the deadline will be the Friday just prior to the Saturday or Sunday weekend deadline. The following are application due dates for the next five years.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Application Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2011 Admission</td>
<td>April 8 (F), 2011</td>
</tr>
<tr>
<td>Fall 2012 Admission</td>
<td>April 10 (T), 2012</td>
</tr>
<tr>
<td>Fall 2013 Admission</td>
<td>April 10 (W), 2013</td>
</tr>
<tr>
<td>Fall 2014 Admission</td>
<td>April 10 (Th), 2014</td>
</tr>
<tr>
<td>Fall 2015 Admission</td>
<td>April 10(F), 2015</td>
</tr>
</tbody>
</table>

**Note:** For admission to the university, an application must be submitted and accepted by San José State University. Please visit [http://info.sjsu.edu/home/admission.html](http://info.sjsu.edu/home/admission.html) for the admissions and application information. A separate application must be submitted for acceptance to the Undergraduate Athletic Training Education Program (UG ATEP).

**UG ATEP application packet can be downloaded from our program website:**
http://www.sjsu.edu/kinesiology/docs/UG_ATEP_Application_Form_November_2009_pdf

**Admission Requirements**

Complete all required supplemental application materials and enclose these materials in an envelope as a **single packet** and send it to the ATEP Director:

**KyungMo Han, PhD, ATC, CSCS**  
Director, Undergraduate Athletic Training Education Program  
Department of Kinesiology, SPX 59  
San José State University  
One Washington Square, San José, CA 95192-0054

1. Personal Information

2. Official transcript(s) for all collegiate level academic work.

3. Two letters of recommendation.

4. Copy of Hepatitis B vaccination record or signed Hepatitis B vaccination waiver form.

5. Completed physical examination form.

7. Completed verification of clinical observation hours form. A minimum of 50 hours of athletic training observation are required. This form can be submitted the last day of the Spring semester of your application. For all applicants who need this requirement, the course instructor will assign you to one of our affiliate sites to complete the required observation hours while you are taking KIN 188 at San José State University. A proof of blood borne pathogen training is required prior to begin observation hours. Visit the following web-site for the blood borne pathogen training information: https://hrwebtrain.sjsu.edu/login/login.aspx

8. Current copy (front and back) of CPR/AED Certification (American Red Cross Emergency Cardiac Care Certification must include the following adult & pediatric CPR, airway obstruction, 2nd rescuer CPR, AED and barrier devices (e.g., pocket mask, bag valve mask). Examples of course that provide the above certifications are: “CPR/AED for the Professional Rescuer” by the American Red Cross or “BLS Healthcare Provider CPR” by the American Heart Association. For consideration of other certifications, contact the Program Director for validation.

9. Completed or concurrent enrollment in KIN 188/189 at San José State University: Prevention and Care of Athletic Injuries Lecture/Lab with a grade of C (not C-) or higher.

10. Completed or concurrent enrollment in BIOL 65 (Human Anatomy) or equivalent and BIOL 66 (Human Physiology) or equivalent with a grade of C (not C-) or higher. Note: These requirements (#9 and #10) must be verified before the student is admitted to the ATEP.

11. A minimum GPA of 2.75 (on 4.0 scale) or above required
EXERCISE AND FITNESS SPECIALIST

The purpose of the Exercise and Fitness Specialist emphasis is to provide an in-depth understanding of the movement science area of Kinesiology through physiological, kinesiological, behavioral, and developmental contexts. Students will develop analytical, critical, and creative skills in movement science. These skills are designed to prepare the student for post baccalaureate study and for many professional programs and occupations in the movement science-related areas of kinesiology.

The Fitness emphasis is designed to provide theoretical and practical experience in exercise testing and prescription. Students gain knowledge in exercise testing from exercise physiology and movement science courses offered by the Department of Kinesiology. Practical application of this knowledge is attained through an internship.

Curriculum for Movement Science/Fitness:

<table>
<thead>
<tr>
<th>Course#</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereqs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 152</td>
<td>Theory of Sport and Fitness Management</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>(fall only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 154A</td>
<td>Instrumentation in Ex Phys &amp; Biomechanics</td>
<td>3</td>
<td>Kin 70; Kin 155; Kin 158 (or equivalent)</td>
</tr>
<tr>
<td>(fall only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 154B</td>
<td>ECG Interpretations &amp; Graded Exercise Testing</td>
<td>3</td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>(spring only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 162</td>
<td>Adv Fitness Assessment &amp; Exercise Prescription</td>
<td>3</td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>(fall only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 187</td>
<td>Clinical Exercise Physiology</td>
<td>3</td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>(spring only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 198</td>
<td>Internship in Kinesiology</td>
<td>3</td>
<td>Kin 70; Advisor consent</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 156</td>
<td>Intro to Adapted Physical Activity (3)</td>
<td>6</td>
<td>Kin 70</td>
</tr>
<tr>
<td>and/or KIN 165/166</td>
<td></td>
<td></td>
<td>Kin 70 &amp; Bio 66 if taking Kin 166</td>
</tr>
<tr>
<td>KIN 188</td>
<td>Prevention and Care of Athletic Injuries (2)</td>
<td>2</td>
<td>Kin 70 and Bio 65</td>
</tr>
<tr>
<td>KIN 189</td>
<td>Prevention and Care of Athletic Injuries Lab (1)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12</td>
<td>Advisor consent</td>
</tr>
<tr>
<td>---XXX</td>
<td>Additional Course Work (see next page)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL UNITS</td>
<td></td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

Students interested in completing the Recognized Program in Strength and Conditioning by the National Strength and Conditioning Association need to complete at least one course from the Department of Nutrition and Food Science (NUFS), preferably NUFS 123-Nutrition for Sport. Other elective courses may also be included pending approval by an academic advisor. A maximum of 6 units from General Education may be included in the emphasis.
# EXERCISE AND FITNESS SPECIALIST
## ADDITIONAL COURSEWORK

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>GE</th>
<th>CHECK PREREQS</th>
</tr>
</thead>
<tbody>
<tr>
<td>APSC 101</td>
<td>Computer Applications for Professionals</td>
<td>3</td>
<td></td>
<td>Upper division standing</td>
</tr>
<tr>
<td>Bio 109</td>
<td>Human Neuroanatomy and Physiology</td>
<td>4</td>
<td></td>
<td>Bio 54 or Bio 65</td>
</tr>
<tr>
<td>HS 167</td>
<td>Biostatistics</td>
<td>3</td>
<td></td>
<td>HS 67</td>
</tr>
<tr>
<td>KIN 153</td>
<td>Sport Facility and Event Management</td>
<td>3</td>
<td></td>
<td>Kin 70; Kin 152 or Instructor consent</td>
</tr>
<tr>
<td>KIN 164</td>
<td>Sociocultural Perspectives</td>
<td>3</td>
<td></td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 168</td>
<td>Psychology of Coaching</td>
<td>3</td>
<td></td>
<td>Kin 70 or Instructor consent</td>
</tr>
<tr>
<td>KIN/HS 169</td>
<td>Diversity, Stress, and Health</td>
<td>3</td>
<td>(S)</td>
<td>100W or Concurrent enrollment 100W</td>
</tr>
<tr>
<td>KIN 170E</td>
<td>Field Experience - Coaching (on campus)</td>
<td>1</td>
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<td>Kin 70 or Instructor consent</td>
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<tr>
<td>KIN 170F</td>
<td>Field Experience - Coaching (off campus)</td>
<td>1</td>
<td></td>
<td>Kin 70 or Instructor consent</td>
</tr>
<tr>
<td>KIN 170G</td>
<td>Field Experience - Activity Programs</td>
<td>1</td>
<td></td>
<td>Kin 70 or Instructor consent</td>
</tr>
<tr>
<td>KIN 194</td>
<td>Therapeutic Exercise</td>
<td>3</td>
<td></td>
<td>Pre/Co requisite: Kin 191A &amp; Kin 191B</td>
</tr>
<tr>
<td>NUFS 008</td>
<td>Nutrition for the Health Professions</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUFS 105</td>
<td>Current Issues in Nutrition</td>
<td>3</td>
<td></td>
<td>Check university catalog</td>
</tr>
<tr>
<td>NUFS 106A</td>
<td>Human Nutrition in the Life Span</td>
<td>3</td>
<td></td>
<td>NUFS 8 or pass challenge exam; instructor consent</td>
</tr>
<tr>
<td>NUFS 108A</td>
<td>Nutrition and Metabolism</td>
<td>3</td>
<td></td>
<td>Check university catalog</td>
</tr>
<tr>
<td>NUFS 116</td>
<td>Aging and Nutrition</td>
<td>3</td>
<td></td>
<td>1 college nutrition course or instructor consent</td>
</tr>
<tr>
<td>NUFS 123</td>
<td>Nutrition for Sport</td>
<td>3</td>
<td></td>
<td>NUFS 8</td>
</tr>
<tr>
<td>NUFS/KIN 163</td>
<td>Physical Fitness and Nutrition</td>
<td>3</td>
<td>(R)</td>
<td>100W or Concurrent Enrollment 100W</td>
</tr>
<tr>
<td>Psych 114</td>
<td>Psychology of Aging</td>
<td>3</td>
<td></td>
<td>PSYC 1</td>
</tr>
<tr>
<td>Psych 122</td>
<td>Computer Applications in Behavioral Research</td>
<td>3</td>
<td></td>
<td>Stat 95 or equivalent</td>
</tr>
<tr>
<td>Psych 138</td>
<td>Exercise and Mental Health</td>
<td>3</td>
<td></td>
<td>PSYC 1</td>
</tr>
<tr>
<td>Psych/KIN 167</td>
<td>Sports Psychology</td>
<td>3</td>
<td></td>
<td>PSYC 1</td>
</tr>
<tr>
<td>HRTM 097A</td>
<td>Event Planning</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Or other course work selected by the candidate in consultation with assigned departmental advisor at least 30 units prior to graduation.
INDIVIDUALIZED STUDIES

The purpose of Individualized Studies is to provide for the development of an individual emphasis not found in the existing Department of Kinesiology curriculum. This course of study must be developed with, and approved by, the assigned department Advisor, the department Advising Manager, and the Undergraduate Coordinator at least 30 units before graduation. The Individualized Studies proposed program will be evaluated on the basis of the following criteria:

1. The curriculum should evidence breadth and depth of understanding in a specific area of interest within the field of Kinesiology.

2. The program should exhibit a specific area of interest within Kinesiology as a focal point.

3. The program should include a minimum of 22-24 upper division units (in addition to the core requirements), which includes 1-3 units of internship/fieldwork.

4. The program should conform to the career objectives submitted as a part of the formal Individualized Studies Proposal.

5. All courses should be adequately justified as a logical inclusion in this program.

- A maximum of 9 units of the 22-24 upper division units may be taken outside the Kinesiology Department.

- In addition to the required 22-24 units of upper division course work, an additional 12-14 unit of additional course work (advisor approval required) is required in the 36 unit Individualized Studies emphasis.

- The program must be submitted at least 30 units prior to the student's anticipated graduation date.

APPLICATION FOR INDIVIDUALIZED STUDIES EMPHASIS

A. Career Objective:

B. Rationale for Inclusion of Each Course Outlined Below:
C. Proposed Individualized Studies Curriculum:

<table>
<thead>
<tr>
<th>Dept.+Course#</th>
<th>Course Title</th>
<th>Units</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**TOTAL UNITS** (36)

**APPROVED:**

Advisor                                      Date

-----------------------------------------------

Advising Manager                              Date

-----------------------------------------------

Undergraduate Coordinator                     Date
Science Emphasis
Designed to provide theoretical and research experience in science-related areas within Kinesiology. This option is recommended for those students planning post baccalaureate study in physical therapy, chiropractic, or other related graduate programs. This area of study provides considerable flexibility and provides students the opportunity to shape their studies around their personal and professional goals.

Curriculum for Movement Science:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereqs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 154A</td>
<td>Instrumentation in Ex Phys &amp; Biomechanics</td>
<td>3</td>
<td>Kin 70; Kin 155; Kin 158 (or equivalent)</td>
</tr>
<tr>
<td>or KIN 165</td>
<td>Motor Development</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>or KIN 166</td>
<td>Motor Learning</td>
<td></td>
<td>Kin 70, Bio 66</td>
</tr>
<tr>
<td>KIN 180/184</td>
<td>Individual Studies/Directed Reading</td>
<td>3</td>
<td>Check with advisor</td>
</tr>
<tr>
<td>KIN ____</td>
<td>Upper Division Electives*</td>
<td>12</td>
<td>Advisor approval 30 units prior to grad.</td>
</tr>
<tr>
<td>KIN 198</td>
<td>Internship/Fieldwork</td>
<td>1-3</td>
<td>Advisor approval</td>
</tr>
<tr>
<td>-----XXX</td>
<td>Additional Course Work (see next 2 pages)</td>
<td>12-14</td>
<td>Advisor approval</td>
</tr>
<tr>
<td>TOTAL UNITS</td>
<td></td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

* The twelve units of upper division electives must be approved by your assigned advisor at least 30 units prior to graduation. Within the twelve upper division elective units, a maximum of three units may be taken outside the Department of Kinesiology.

Focuses may include biomechanics, exercise physiology, human factors/ergonomics, or motor development. See suggestions for additional course work on the next two pages.
# MOVEMENT SCIENCE
## ADDITIONAL COURSEWORK
### Focus In Exercise Physiology

<table>
<thead>
<tr>
<th>Course # Course Title</th>
<th>Units</th>
<th>GE</th>
<th>CHECK PREREQS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1, 2, 3</td>
<td>4 ea</td>
<td></td>
<td>Check university catalog</td>
</tr>
<tr>
<td>BIOL 109</td>
<td>4</td>
<td></td>
<td>Bio 54 or Bio 65</td>
</tr>
<tr>
<td>BIOL 124</td>
<td>3</td>
<td></td>
<td>Check university catalog</td>
</tr>
<tr>
<td>BIOL 125</td>
<td>2</td>
<td></td>
<td>Corequisite: Bio 124; Pre/Coreq. :Bio 6</td>
</tr>
<tr>
<td>BIOL/PSYC129</td>
<td>3</td>
<td></td>
<td>Either PSYC 30 &amp; 3 units Biology or 9 units Biology</td>
</tr>
<tr>
<td>BIOL 131</td>
<td>3</td>
<td></td>
<td>Upper div. organ system physiology, e.g. Bio 124</td>
</tr>
<tr>
<td>BIOL 165</td>
<td>3</td>
<td></td>
<td>Bio 3 &amp; senior or graduate standing</td>
</tr>
<tr>
<td>MICR 20</td>
<td>4</td>
<td></td>
<td>Chem. 1B or Chem. 30A</td>
</tr>
<tr>
<td>CHEM 8</td>
<td>3</td>
<td></td>
<td>Chem. 1B, C grade or better</td>
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<tr>
<td>CHEM 9</td>
<td>1</td>
<td>Pre/Co requisite: Chem. 8</td>
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</tr>
<tr>
<td>CHEM 112A</td>
<td>3</td>
<td></td>
<td>Chem. 1B, C grade or better</td>
</tr>
<tr>
<td>CHEM 112B</td>
<td>3</td>
<td></td>
<td>Chem. 112A, C grade or better</td>
</tr>
<tr>
<td>CHEM 113A</td>
<td>2</td>
<td></td>
<td>Chem. 112A, C grade or better</td>
</tr>
<tr>
<td>CHEM 113B</td>
<td>3</td>
<td></td>
<td>Chem. 113A, C grade or better; Pre/Corequisite:Chem 112B</td>
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<tr>
<td>CHEM 132</td>
<td>4</td>
<td></td>
<td>Chem. 30B or Chem. 8, C grade or better</td>
</tr>
<tr>
<td>CHEM 132L</td>
<td>1</td>
<td>Pre/Co requisite: Chem. 132</td>
<td></td>
</tr>
<tr>
<td>Gero 127</td>
<td>3</td>
<td>PSYC 1 or equivalent</td>
<td></td>
</tr>
<tr>
<td>HS 159</td>
<td>3</td>
<td></td>
<td>HS 104; Pre/Co requisite: HS 100W</td>
</tr>
<tr>
<td>HS 161</td>
<td>3</td>
<td></td>
<td>Upper division standing</td>
</tr>
<tr>
<td>HS 167</td>
<td>3</td>
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<td>HS 67</td>
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<tr>
<td>NuFS 8</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>NuFS 105</td>
<td>3</td>
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</tr>
<tr>
<td>NuFS 108A</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>NuFS 116</td>
<td>3</td>
<td></td>
<td>One college nutrition course or instructor consent</td>
</tr>
<tr>
<td>NuFS 123</td>
<td>3</td>
<td></td>
<td>NuFS 8</td>
</tr>
<tr>
<td>KIN/HS 169</td>
<td>3</td>
<td>S</td>
<td>100W or Concurrent Enrollment 100W</td>
</tr>
<tr>
<td>NuFS/KIN 163</td>
<td>3</td>
<td>R</td>
<td>100W or Concurrent Enrollment 100W</td>
</tr>
<tr>
<td>PSYC 122</td>
<td>3</td>
<td></td>
<td>Stat 95 or equivalent</td>
</tr>
<tr>
<td>KIN 154B</td>
<td>3</td>
<td></td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>KIN 162</td>
<td>3</td>
<td></td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>KIN 174</td>
<td>3</td>
<td></td>
<td>Kin 70</td>
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(Continues on next page)
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 187</td>
<td>Clinical Exercise Physiology (spring only)</td>
<td>3</td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>KIN 188</td>
<td>Prevention and Care of Athletic Injuries</td>
<td>3</td>
<td>Kin 70; Bio 65</td>
</tr>
<tr>
<td>KIN 194</td>
<td>Therapeutic Exercise (fall only)</td>
<td>3</td>
<td>Kin 191B</td>
</tr>
<tr>
<td>PSYC 122</td>
<td>Computer Applications in Behavioral Research</td>
<td>3</td>
<td>Stat 95 or equivalent</td>
</tr>
<tr>
<td>PSYC 138</td>
<td>Exercise and Mental Health</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC/KIN 167</td>
<td>Sport Psychology</td>
<td>3</td>
<td>PSYC 1</td>
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**Focus In Biomechanics/Kinesiology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>BIOL 165</td>
<td>Advanced Human Anatomy</td>
<td>3</td>
<td>Bio 3 &amp; senior or graduate standing</td>
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<tr>
<td>Dance 150</td>
<td>Dance Kinesiology I</td>
<td>3</td>
<td></td>
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<tr>
<td>PHYS 105AB</td>
<td>Advanced Mechanics</td>
<td>3 each</td>
<td>Phys 70 or Phys 50; Math 32; Co requisite: Math 133As</td>
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**Preparation For Human Factors/Ergonomics**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>STAT 95</td>
<td>Elementary Statistics</td>
<td>3</td>
<td></td>
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<tr>
<td>PSYC 135</td>
<td>Cognition</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 158</td>
<td>Perception</td>
<td>3</td>
<td>PSYC 1</td>
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**Focus In Motor Development**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Anth 25</td>
<td>Human Development</td>
<td>3</td>
<td>E</td>
</tr>
<tr>
<td>BIOL 101</td>
<td>Origins of Life</td>
<td>3</td>
<td>R Check university catalog</td>
</tr>
<tr>
<td>BIOL 105</td>
<td>Principles of Developmental Biology</td>
<td>3</td>
<td>Bio 1,2,3 with C grade or better; Bio 115</td>
</tr>
<tr>
<td>EDSE 104</td>
<td>Atypical Development in Young Children</td>
<td>3</td>
<td>CD 60 (or equivalent)</td>
</tr>
<tr>
<td>GERO 108</td>
<td>Health in Later Life</td>
<td>3</td>
<td>College biological sciences course</td>
</tr>
<tr>
<td>GERO 116</td>
<td>Aging and Nutrition</td>
<td>3</td>
<td>One college nutrition course or instructor consent</td>
</tr>
<tr>
<td>GERO 127</td>
<td>Aging and Mental Health</td>
<td>3</td>
<td>PSYC 1 or equivalent</td>
</tr>
<tr>
<td>PSYC 102</td>
<td>Child Psychology</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 112</td>
<td>Psychology of Adolescence</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 114</td>
<td>Psychology of Aging</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>SOCI 107</td>
<td>Aging and Society</td>
<td>3</td>
<td>S Check university catalog</td>
</tr>
<tr>
<td>SOCI 122</td>
<td>Women in the Second Half of Life</td>
<td>3</td>
<td>Upper division standing</td>
</tr>
</tbody>
</table>

Or other course work selected by the candidate in consultation with assigned departmental advisor at least 30 units prior to graduation.
The Pre-Professional emphasis is designed to meet the needs of students interested in sports medicine, and who intend to go on to professional schools in medicine, physical therapy, osteopathy, chiropractic, podiatry, etc. In particular, many physical therapy schools have recently changed from baccalaureate and certificate programs to master's degree programs. In this emphasis, students combine course work in Kinesiology and sports medicine with an arranged clinical internship in a facet of sports medicine aligned with one's career interests.

**Curriculum for Pre-Professional:**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereqs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 174</td>
<td>Assessment of Psychomotor Function</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>(spring only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 188</td>
<td>Prevention and Care of Athletic Injuries</td>
<td>2</td>
<td>Kin 70 and Bio 65</td>
</tr>
<tr>
<td>KIN 189</td>
<td>Prevention and Care of Athletic Injuries Lab</td>
<td>1</td>
<td>Kin 70 and KIN 188 (concurrent enrollment ok)</td>
</tr>
<tr>
<td>KIN 191A</td>
<td>Adv Assessment of Lower Extremity Injuries</td>
<td>3</td>
<td>Kin 188; Kin 189</td>
</tr>
<tr>
<td>(fall only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 191B</td>
<td>Adv Assessment of Upper Extremity Injuries</td>
<td>3</td>
<td>Kin 191A</td>
</tr>
<tr>
<td>(spring only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 194</td>
<td>Therapeutic Exercise</td>
<td>3</td>
<td>Kin 191B</td>
</tr>
<tr>
<td>(fall only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 195</td>
<td>Therapeutic Modalities</td>
<td>3</td>
<td>Kin 70; Kin 188;</td>
</tr>
<tr>
<td>(spring only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 198</td>
<td>Internship in Kinesiology</td>
<td>1</td>
<td>Kin 70; Instructor consent</td>
</tr>
<tr>
<td>KIN _____</td>
<td>Upper Division Electives (6 units must be in Kinesiology Department)</td>
<td>9</td>
<td>Check with your advisor</td>
</tr>
<tr>
<td>---XXX</td>
<td>Additional Course Work (see next page)</td>
<td>8</td>
<td>Advisor Approval</td>
</tr>
<tr>
<td>TOTAL UNITS</td>
<td></td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

Note: Students are encouraged to check the pre-requisite coursework requirements of graduate physical therapy programs or other professional programs prior to selecting their elective course work. Pre-Physical Therapy students may pick up information on graduate Physical Therapy programs from the Pre-Physical Therapy advisor (Janet Clair, phone number (408) 924-3042 or email jclair@kin.sjsu.edu) in SPX 60.
## PRE-PROFESSIONAL ADDITIONAL COURSEWORK

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>GE</th>
<th>CHECK PREREQS</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 154A</td>
<td>Instrumentation in Exercise Phys &amp; Bio</td>
<td>3</td>
<td></td>
<td>Kin 70; Kin 155; Kin 158 (or equivalent)</td>
</tr>
<tr>
<td>KIN 154B</td>
<td>ECG Interp and Graded Exercise Testing</td>
<td>3</td>
<td></td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>KIN 156</td>
<td>Intro to Adapted Physical Activity</td>
<td>3</td>
<td></td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 162</td>
<td>Fitness Assess and Exer Prescrip</td>
<td>3</td>
<td></td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>KIN 169</td>
<td>Diversity, Stress and Health</td>
<td>3</td>
<td>S</td>
<td>100W or Concurrent Enrollment 100W</td>
</tr>
<tr>
<td>KIN 187</td>
<td>Exer Prescrip for Diverse Populations</td>
<td>3</td>
<td></td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>HS 1</td>
<td>Understanding Your Health</td>
<td>3</td>
<td></td>
<td>Kin 70; Kin 155</td>
</tr>
<tr>
<td>HS 104</td>
<td>Community Health Promotion</td>
<td>3</td>
<td></td>
<td>Pre/Co requisite HS 1</td>
</tr>
<tr>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td>5</td>
<td></td>
<td>See course catalog</td>
</tr>
<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>5</td>
<td></td>
<td>Chem. 1A with C grade or better</td>
</tr>
<tr>
<td>PHYS 2A</td>
<td>Fundamentals of Physics</td>
<td>4</td>
<td></td>
<td>Algebra</td>
</tr>
<tr>
<td>PHYS 2B</td>
<td>Fundamentals of Physics</td>
<td>4</td>
<td></td>
<td>Phys 2A with C- grade or better</td>
</tr>
<tr>
<td>STAT 95</td>
<td>Elementary Stats</td>
<td>3</td>
<td>B4</td>
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</tr>
</tbody>
</table>

Or other course work selected by the candidate in consultation with assigned departmental advisor at least 30 units prior to graduation.
The purpose of the Societal Studies Emphasis is to provide an interdisciplinary understanding of human movement. Through philosophical, historical, sociological, and psychological contexts, students will develop analytical, critical, and creative skills. These skills will prepare students for post baccalaureate work and for many professional programs and occupations.

### Curriculum for the Societal Studies

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereqs</th>
</tr>
</thead>
<tbody>
<tr>
<td>* KIN 160 and/or KIN 161 and/or KIN 164</td>
<td>History of Sport and Physical Education</td>
<td>6</td>
<td>Kin 70</td>
</tr>
<tr>
<td>* KIN 161 and/or KIN 164</td>
<td>Philosophical Perspectives of Sport</td>
<td>6</td>
<td>Kin 70</td>
</tr>
<tr>
<td>* KIN 164</td>
<td>Sociocultural Perspectives</td>
<td></td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 167 or KIN 168</td>
<td>Sports Psychology or Psychology of Coaching</td>
<td>3</td>
<td>Kin 70 and PSYC 1</td>
</tr>
<tr>
<td>** KIN/HS 169</td>
<td>Diversity, Stress and Health (SJSU Studies: Area S)</td>
<td>3</td>
<td>100W or Concurrent Enrollment 100 W</td>
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<tr>
<td>** PHIL 012</td>
<td>Philosophy of the Person (GE: Area E)</td>
<td>3</td>
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<tr>
<td>*** KIN ---</td>
<td>Upper Division Electives</td>
<td>6</td>
<td>Advisor approval</td>
</tr>
<tr>
<td>KIN ---</td>
<td>Internship/Fieldwork</td>
<td>1-3</td>
<td>Advisor approval</td>
</tr>
<tr>
<td>- - - XXX</td>
<td>Additional Course Work (see next 2 pages)</td>
<td>12-14</td>
<td>Advisor approval</td>
</tr>
<tr>
<td>TOTAL UNITS</td>
<td></td>
<td>36</td>
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</tbody>
</table>

* Since the student is required to take 3 of these 9 units in the Kinesiology Core and 6 of these 9 units in the Societal Studies Concentration, all three courses (9 units) must be successfully completed.

** A maximum of six units can be counted in both the major and General Education Program if continuously enrolled prior to fall 2005. A maximum of three units can be counted in both the major and General Education Program if continuously enrolled after fall 2005. Students should check with their advisor.

*** The six units of upper division electives must be approved by your assigned advisor at least 30 units prior to graduation. Within the six elective units, a maximum of three units may be taken outside the Department of Kinesiology.
<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
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<th>CHECK PREREQS</th>
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<tbody>
<tr>
<td>AAS 022</td>
<td>Asian America: Diversity in the U.S.</td>
<td>3</td>
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<tr>
<td>AAS 025</td>
<td>Chang Majority: Power &amp; Ethy in Amer</td>
<td>3</td>
<td>D2</td>
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<tr>
<td>AAS 185</td>
<td>Multicultural Perspectives in Amer. Soc.</td>
<td>3</td>
<td>S</td>
<td>100W or Concurrent Enrollment 100 W</td>
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<tr>
<td>AFAM 125</td>
<td>The Black Family</td>
<td>3</td>
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<td>Upper division standing or instructor consent</td>
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<tr>
<td>AFAM 130</td>
<td>Psychology of the Black Community</td>
<td>3</td>
<td></td>
<td>Upper division standing or instructor consent</td>
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<tr>
<td>ANTH 141</td>
<td>Culture and Gender</td>
<td>3</td>
<td></td>
<td>ANTH 11, ANTH 25, ANTH 140 or instructor consent</td>
</tr>
<tr>
<td>ANTH 142</td>
<td>Culture and Personality</td>
<td>3</td>
<td></td>
<td>ANTH 11, ANTH 25, or instructor consent</td>
</tr>
<tr>
<td>ANTH 149</td>
<td>Ethnographic Methods</td>
<td>3</td>
<td></td>
<td>ANTH 11 or instructor consent</td>
</tr>
<tr>
<td>HIST 186</td>
<td>Ethnicity and Race in U.S. History</td>
<td>3</td>
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<tr>
<td>HIST 187</td>
<td>United States Social History</td>
<td>3</td>
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<tr>
<td>HIST 188</td>
<td>History of Women in the U.S.</td>
<td>3</td>
<td>S</td>
<td>Check university catalog</td>
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<tr>
<td>HS 135</td>
<td>Health Issues in a Multicultural Society</td>
<td>3</td>
<td>S</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>KIN 167</td>
<td>Sports Psychology</td>
<td>3</td>
<td></td>
<td>PSYC 1</td>
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<tr>
<td>OR</td>
<td>(whichever one is not taken in emphasis)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>KIN 168</td>
<td>Psychology of Coaching</td>
<td>3</td>
<td></td>
<td>Kin 70</td>
</tr>
<tr>
<td>MAS 125</td>
<td>Chicana/o Community Studies</td>
<td>3</td>
<td></td>
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<tr>
<td>MAS 130</td>
<td>Chicanas &amp; Chicanos in American Society</td>
<td>3</td>
<td>S</td>
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<tr>
<td>MAS 160</td>
<td>Gender &amp; Sexuality in Chicana/o Society</td>
<td>3</td>
<td>S</td>
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<td>PSYC 107</td>
<td>Psychology of Women</td>
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<td>PSYC 112</td>
<td>Psychology of Adolescence</td>
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<td>PSYC 1</td>
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<td>PSYC 114</td>
<td>Psychology of Aging</td>
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<td>Cognition</td>
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</tr>
<tr>
<td>PSYC 138</td>
<td>Exercise and Mental Health</td>
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<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 154</td>
<td>Social Psychology</td>
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<td></td>
<td>PSYC 1</td>
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<tr>
<td>SOC 105</td>
<td>Qualitative Research Methods</td>
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<tr>
<td>SOC 173</td>
<td>Socialization</td>
<td>3</td>
<td></td>
<td>Soc 1</td>
</tr>
<tr>
<td>SOC 175</td>
<td>Sociology of Masculinity and Femininity</td>
<td>3</td>
<td></td>
<td>Soc 1</td>
</tr>
<tr>
<td>SOC 176</td>
<td>Small Group Processes</td>
<td>3</td>
<td></td>
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<td>Course Title</td>
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<td>Requirement</td>
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<tr>
<td>PHIL 110</td>
<td>Science, Technology and Human Values</td>
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<tr>
<td>PHIL 114</td>
<td>Postmodern Philosophy</td>
<td>3</td>
<td>3 units philosophy or upper division standing</td>
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</tr>
<tr>
<td>PHIL 122</td>
<td>Social Justice</td>
<td>3</td>
<td>3 units philosophy or upper division standing</td>
<td></td>
</tr>
<tr>
<td>PHIL 159</td>
<td>Philosophy of Mind and Behavior</td>
<td>3</td>
<td>6 units of philosophy or instructor consent</td>
<td></td>
</tr>
<tr>
<td>WOMS 101</td>
<td>The Study of Women</td>
<td>3</td>
<td>S</td>
<td></td>
</tr>
<tr>
<td>WOMS 150</td>
<td>Women and Popular Culture</td>
<td>3</td>
<td>WOMS 10, WOMS 20, WOMS 101 or instructor consent</td>
<td></td>
</tr>
<tr>
<td>WOMS 160</td>
<td>Women, Race and Class</td>
<td>3</td>
<td>WOMS 10, WOMS 20, WOMS 101 or instructor consent</td>
<td></td>
</tr>
</tbody>
</table>

Or other course work selected by the candidate in consultation with assigned departmental advisor at least 30 units prior to graduation.
The purpose of the Sport Management Emphasis is to provide an interdisciplinary understanding of Sport Management. Through philosophical, historical, sociological, business, public relations, and economic concepts, students will develop analytical, critical, and creative skills. These skills will prepare students for post-baccalaureate work and for many programs and occupations.

### Curriculum for Sport Management

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereqs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 152</td>
<td>Theory of Sport and Fitness Management</td>
<td>3</td>
<td>Kin 70; Instructor consent</td>
</tr>
<tr>
<td>KIN 153</td>
<td>Sport Facility and Event Management</td>
<td>3</td>
<td>Kin 70, Kin 152</td>
</tr>
<tr>
<td>KIN 160 and/or KIN 161 and/or KIN 164</td>
<td>History of Sport and Physical Education, Philosophical Perspectives of Sport, Sociocultural Perspectives</td>
<td>6</td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 167</td>
<td>Sport Psychology</td>
<td>3</td>
<td>Kin 70; PSYC 1</td>
</tr>
<tr>
<td>KIN 170D</td>
<td>Fieldwork in Sport Management</td>
<td>3</td>
<td>Kin 70, Kin 152, Upper division standing</td>
</tr>
<tr>
<td>KIN 198</td>
<td>Internship in Kinesiology</td>
<td>3</td>
<td>Kin 70; Instructor consent</td>
</tr>
<tr>
<td>BUS 160</td>
<td>Fundamentals of Management &amp; Organizational Behavior</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>- - - XXX</td>
<td>Additional Course Work (see next page)</td>
<td>12</td>
<td>Advisor Approval</td>
</tr>
<tr>
<td>TOTAL UNITS</td>
<td></td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

* Since the student is required to take 3 of these 9 units in the Kinesiology Core and 6 of these 9 units in the Sports Management Concentration, all three courses (9 units) must be successfully completed for this concentration.
Students should select 12 units from the list below to satisfy their 12 units of electives for the KIN program; at least six units must be upper division. It is strongly recommended that students attempt to take courses satisfying upper division general education requirements that also help to provide breadth and/or depth to their preparation for the field of sport management.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV 91</td>
<td>Introduction to Advertising</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BUS 20N</td>
<td>Survey of Accounting</td>
<td>3</td>
<td>Sophomore – non business majors only</td>
</tr>
<tr>
<td>BUS 80</td>
<td>Legal Environment of Business</td>
<td>3</td>
<td>Sophomore standing</td>
</tr>
<tr>
<td>BUS 90</td>
<td>Business Statistics</td>
<td>3</td>
<td>Bus 91L; Math 70</td>
</tr>
<tr>
<td>BUS 91L</td>
<td>Computer Tools for Business</td>
<td>1 (CR/NCR)</td>
<td></td>
</tr>
<tr>
<td>BUS 92</td>
<td>Introduction to Business Programming</td>
<td>3</td>
<td>Bus 91L</td>
</tr>
<tr>
<td>HRTM 107</td>
<td>Legal Aspects in Hospitality Management</td>
<td>3</td>
<td>HRTM 11, HRTM 102</td>
</tr>
<tr>
<td>BUS 130</td>
<td>Introduction to Marketing</td>
<td>3</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>BUS 131A</td>
<td>Business to Business Marketing</td>
<td>3</td>
<td>Bus 130</td>
</tr>
<tr>
<td>BUS 133A</td>
<td>International Marketing</td>
<td>3</td>
<td>Bus 130</td>
</tr>
<tr>
<td>BUS 133B</td>
<td>Relationship Marketing: Pacific Rim</td>
<td>3</td>
<td>Bus 130</td>
</tr>
<tr>
<td>BUS 134A</td>
<td>Consumer Behavior</td>
<td>3</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>BUS 134C</td>
<td>Online Marketing</td>
<td>3</td>
<td>Bus 130</td>
</tr>
<tr>
<td>BUS 135</td>
<td>Sales Management</td>
<td>3</td>
<td>Bus 130</td>
</tr>
<tr>
<td>BUS 146</td>
<td>Project Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BUS 147</td>
<td>Service Operations Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BUS 149</td>
<td>Negotiation and Conflict Resolution</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BUS 150</td>
<td>Fundamentals of HR Managements</td>
<td>3</td>
<td>Bus 91L or instructor consent</td>
</tr>
<tr>
<td>BUS 153</td>
<td>Management of Diversity</td>
<td>3</td>
<td>Bus 150 or instructor consent</td>
</tr>
<tr>
<td>BUS 154</td>
<td>Workforces Planning, Staffing, &amp; Training</td>
<td>3</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>BUS 161B</td>
<td>Organizational Theory, Design, and Change</td>
<td>3</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>BUS 164</td>
<td>Strategies in High Technology Companies</td>
<td>3</td>
<td>Bus 161A</td>
</tr>
<tr>
<td>BUS 198</td>
<td>Strategic Counseling for Small Business</td>
<td>3</td>
<td>Senior standing</td>
</tr>
<tr>
<td>HRTM 140</td>
<td>Meeting, Convention and Event Industry</td>
<td>3</td>
<td>HRTM 1</td>
</tr>
<tr>
<td>HRTM 151</td>
<td>Planning and Development of Tourism and Event Enterprises</td>
<td>3</td>
<td>Upper division standing</td>
</tr>
<tr>
<td>HRTM 156</td>
<td>Principles of Sustainable Travel and Air Tourism</td>
<td>3</td>
<td>Upper division standing</td>
</tr>
<tr>
<td>MCOM 104</td>
<td>Introduction to Mass Communications Research</td>
<td>3</td>
<td>Upper division standing</td>
</tr>
<tr>
<td>PR 99</td>
<td>Contemporary Public Relations</td>
<td>3</td>
<td>PR 99 or Instructor consent</td>
</tr>
<tr>
<td>PR 193</td>
<td>Special Event Management</td>
<td>3</td>
<td>PR 99 or Instructor consent</td>
</tr>
<tr>
<td>PR 194</td>
<td>Fund Raising Management</td>
<td>3</td>
<td>PR 99 or Instructor consent</td>
</tr>
<tr>
<td>KIN 159</td>
<td>Sport and Adapted Activities (fall only)</td>
<td>3</td>
<td>Kin 70</td>
</tr>
</tbody>
</table>
TEACHING PHYSICAL EDUCATION

This emphasis is specifically designed for the student desiring to teach Physical Education in grades kindergarten through twelve (K-12). The purpose is to provide an in-depth understanding of teaching in physical education. This includes such concerns as curriculum planning for grades K-12 as well as effective instructional techniques that may be employed in these grades.

Curriculum for Teaching Physical Education:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereqs</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 156</td>
<td>Introduction to Adapted Physical Activity</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>*KIN 165</td>
<td>Motor Development</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>or *KIN 166</td>
<td>Motor Learning</td>
<td>3</td>
<td>Kin 70, Bio 66</td>
</tr>
<tr>
<td>KIN 168</td>
<td>Psychology of Coaching</td>
<td>3</td>
<td>Kin 70</td>
</tr>
<tr>
<td>KIN 170B ***</td>
<td>Field Experience - Teaching</td>
<td>4</td>
<td>Kin 70 or instructor consent; Concurrent in Kin 172, Kin 173, Kin 178 or Kin 179</td>
</tr>
<tr>
<td>KIN 171A (spring only)</td>
<td>Non Traditional and Innovative Sport &amp; Physical Activities</td>
<td>3</td>
<td>Kin 70 or instructor consent and upper division standing</td>
</tr>
<tr>
<td>KIN 172 (spring only)</td>
<td>Elementary School Programs, K-6</td>
<td>3</td>
<td>Kin 70 or instructor consent; Kin 165 or Kin 173; Co req. Kin 170 B or Kin 170C</td>
</tr>
<tr>
<td>KIN 173 (fall only)</td>
<td>Introduction to Teaching Physical Ed.</td>
<td>3</td>
<td>Kin 70 or instructor consent or concurrent enrollment; Kin 171 A; Co req. Kin 170 B</td>
</tr>
<tr>
<td>KIN 178 (fall only)</td>
<td>Management Practices for Physical Education Teachers</td>
<td>3</td>
<td>Check course catalog</td>
</tr>
<tr>
<td>KIN 179 *** (spring only)</td>
<td>Design &amp; Assessment of Movement Experiences</td>
<td>3</td>
<td>Kin 70 or instructor consent; Kin 158, Kin 166, and Kin 178 Co req. Kin 170 B or Kin 179C</td>
</tr>
<tr>
<td>KIN 188</td>
<td>Prevention and Care of Athletic Injuries</td>
<td>2</td>
<td>KIN 70</td>
</tr>
<tr>
<td>XXX</td>
<td>Additional Course Work (see next page)</td>
<td>3</td>
<td>Advisor’s approval</td>
</tr>
<tr>
<td>KIN ___</td>
<td>Activity</td>
<td>3</td>
<td>Advisor’s approval</td>
</tr>
<tr>
<td>KIN ___</td>
<td>Activity</td>
<td>3</td>
<td>Advisor’s approval</td>
</tr>
<tr>
<td>KIN ___ **</td>
<td>Activity</td>
<td>3</td>
<td>Advisor’s approval</td>
</tr>
<tr>
<td>TOTAL UNITS</td>
<td></td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

* Whichever not taken in the CORE.

** Choose one activity from each of these categories with approval by Teacher Education Advisor.
- Adventure
- Gymnastics
- Self-Defense
- Dance
- Individual/Dual
- Swimming
- Fitness
- Racket Sport
- Team Sport

*** Current First Aid, CPR and Lifesaving certification are required before enrolling in KIN 170B and KIN 179.
TEACHING PHYSICAL EDUCATION  
ADDITIONAL COURSEWORK

Students should select 3 units from the list below to satisfy their 3 units of electives for the Teaching Physical Education emphasis.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 105</td>
<td>Water Safety Instructor's Course</td>
<td>2</td>
<td>Minimum age of 18</td>
</tr>
<tr>
<td>KIN 107 (spring only)</td>
<td>Adapted Aquatics</td>
<td>1</td>
<td>Kin 70; majors/minors only or instructor consent</td>
</tr>
<tr>
<td>KIN/CHAD 149</td>
<td>Child Health and Physical Activity</td>
<td>3</td>
<td>CHAD 60 or Upper division standing</td>
</tr>
<tr>
<td>KIN 152 (fall only)</td>
<td>Theory of Sport and Fitness Management</td>
<td>3</td>
<td>Kin 70; majors/minors only or instructor consent</td>
</tr>
<tr>
<td>KIN 153 (spring only)</td>
<td>Sport Facility and Event Management</td>
<td>3</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>KIN 159 (fall only)</td>
<td>Sport and Adapted Activities</td>
<td>3</td>
<td>Kin 70; majors/minors only or instructor consent</td>
</tr>
<tr>
<td>KIN 162 (fall only)</td>
<td>Advanced Fitness Assessment and Exercise Prescription</td>
<td>3</td>
<td>Kin 70; majors/minors only or instructor consent; KIN 155</td>
</tr>
<tr>
<td>KIN 167</td>
<td>Sports Psychology</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>KIN 170F</td>
<td>Field Experience Coaching off Campus</td>
<td>2</td>
<td>Kin 70; majors/minors only or instructor consent</td>
</tr>
<tr>
<td>KIN 174 (spring only)</td>
<td>Assessment of Psychomotor Function</td>
<td>3</td>
<td>Kin 70; majors/minors only or instructor consent</td>
</tr>
<tr>
<td>KIN 180</td>
<td>Individual Studies</td>
<td>1-4</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>KIN 180C</td>
<td>Individual Studies: Coaching</td>
<td>2</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>KIN 184</td>
<td>Directed Reading</td>
<td>1-4</td>
<td>Kin 70; majors/minors only or instructor &amp; dept. chair consent</td>
</tr>
<tr>
<td>KIN 186 (winter only)</td>
<td>Pharmacology in Sport Medicine (ONLINE ONLY)</td>
<td>3</td>
<td>A basic prevention &amp; care of athletic injuries course is highly recommended.</td>
</tr>
<tr>
<td>KIN 187 (spring only)</td>
<td>Clinical Exercise Physiology</td>
<td>3</td>
<td>Kin 70; majors/minors only or instructor consent; KIN 155</td>
</tr>
<tr>
<td>KIN 189</td>
<td>Prevention and Care of Athletic Injuries Laboratory</td>
<td>1</td>
<td>Kin 70, Kin 188 (concurrent enrollment acceptable)</td>
</tr>
<tr>
<td>KIN 193 (fall only)</td>
<td>Organization &amp; Administration in Athletic Training</td>
<td>3</td>
<td>Kin 70; majors/minors only or instructor consent; Kin 188</td>
</tr>
<tr>
<td>Anth/HS 140</td>
<td>Human Sexuality GE: Area S</td>
<td>3</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>KNEd 339</td>
<td>Instructional Materials and Procedures in Physical Education</td>
<td>3</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>HPRF 135</td>
<td>Health Issues in a Multicultural Society</td>
<td>3</td>
<td>Check university catalog</td>
</tr>
<tr>
<td>HS/NuFS 105</td>
<td>Current Issues in Nutrition</td>
<td>3</td>
<td>NuFs8, NuFs9, NuFs163 or equivalent introductory course in human nutrition</td>
</tr>
<tr>
<td>EDIT 122</td>
<td>Microcomputer in Education</td>
<td>3</td>
<td>Upper division standing</td>
</tr>
<tr>
<td>PSYC 102</td>
<td>Child Psychology</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 107</td>
<td>Psychology of Women</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 112</td>
<td>Psychology of Adolescents</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 125</td>
<td>Introduction to Group Dynamics</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 126</td>
<td>Drugs, Brain, and Behavior</td>
<td>3</td>
<td>PSYC 30 or 3 units of biology</td>
</tr>
<tr>
<td>PSYC 138</td>
<td>Exercise and Mental Health</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 150</td>
<td>Educational Psychology</td>
<td>3</td>
<td>PSYC 1; Note: no CR if EdSc 173 already taken</td>
</tr>
<tr>
<td>PSYC 155</td>
<td>Human Learning</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
<tr>
<td>PSYC 157</td>
<td>Psychology of Motivation</td>
<td>3</td>
<td>PSYC 1</td>
</tr>
</tbody>
</table>

Any sequence of courses in a foreign language (e.g., Spanish, Vietnamese)  
Check Course Catalog

Any sequence of courses that might prepare you to be authorized to teach in another subject area (e.g., History, Math, General Science, etc.)  
Check Course Catalog
TEACHING ADAPTED PHYSICAL EDUCATION

This emphasis is designed for the student desiring to work in the specialty area of Adapted Physical Education. Successful completion of the curriculum and, subsequently, the Professional Education Sequence in the School of Education, culminates in the application for a California State Single Subject Teaching Credential (K-12) with a second credential in Adapted Physical Education.

Curriculum for Teaching Adapted Physical Education:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Units</th>
<th>Prereq.</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 107</td>
<td>Adapted Aquatics</td>
<td>1</td>
<td>Kin 70; Ability to pass basic swim test is recommended</td>
</tr>
<tr>
<td>KIN 156</td>
<td>Introduction to Adapted Physical Activity</td>
<td>3</td>
<td>Kin 70 or instructor consent</td>
</tr>
<tr>
<td>KIN 159</td>
<td>Sport and Adapted Activities</td>
<td>3</td>
<td>Kin 70 or instructor consent</td>
</tr>
<tr>
<td>*KIN 165</td>
<td>Motor Development</td>
<td>3</td>
<td>Kin 70 or instructor consent</td>
</tr>
<tr>
<td>Or</td>
<td>Motor Learning</td>
<td>3</td>
<td>Kin 70 or instructor consent; Bio 66</td>
</tr>
<tr>
<td>KIN 168</td>
<td>Psychology of Coaching (spring only)</td>
<td>3</td>
<td>Kin 70 or instructor consent</td>
</tr>
<tr>
<td>KIN 170 B</td>
<td>Field Experience – Teaching (concurrent with Kin 179)</td>
<td>1</td>
<td>Kin 70 or instructor consent; concurrent enrollment Kin 179</td>
</tr>
<tr>
<td>KIN 170C</td>
<td>Fieldwork In Adapted Physical Activity</td>
<td>3</td>
<td>Kin 70 or instructor consent; concurrent enrollment with Kin 172 or Kin 178 or Kin 179</td>
</tr>
<tr>
<td>KIN 172</td>
<td>Elementary School Programs, K-6</td>
<td>3</td>
<td>Kin 70 or instructor consent; Kin 165 or Kin 173; Co req. Kin 170B or Kin 170C</td>
</tr>
<tr>
<td>KIN 173</td>
<td>Introduction to Teaching Physical Education</td>
<td>3</td>
<td>Kin 70 or instructor consent; Kin 171A Co req. Kin 170 B</td>
</tr>
<tr>
<td>KIN 174</td>
<td>Assessment of Psychomotor Function</td>
<td>3</td>
<td>Kin 70 or instructor consent</td>
</tr>
<tr>
<td>KIN 178</td>
<td>Management Practices for Physical Education Teachers</td>
<td>3</td>
<td>Kin 70 or instructor consent; Kin 172; Kin 171A or concurrent enrollment; upper division standing; Co req. Kin 170B or Kin 170C</td>
</tr>
<tr>
<td>KIN 179</td>
<td>Design and Assessment of Movement Experiences</td>
<td>3</td>
<td>Kin 70 or instructor consent; Kin 158, Kin 166 and Kin 178; Co req. Kin 170B or Kin 170C</td>
</tr>
<tr>
<td>KIN 187</td>
<td>Clinical Exercise Physiology</td>
<td>3</td>
<td>Kin 70 or instructor consent; Kin 155</td>
</tr>
<tr>
<td>KIN ____ **</td>
<td>Kinesiology Activity Course</td>
<td>1</td>
<td>Advisor’s Approval</td>
</tr>
</tbody>
</table>

* Which ever not taken in the CORE.

** Students must take gymnastics, dance, fitness, combatives, team, individual/dual, a racquet sport, and adventure activity course.

NOTE: Current First Aid, CPR and CWS certification are required at time of graduation.
INSTRUCTIONS FOR COMPLETING KIN MAJOR FORM

Read these instructions fully BEFORE attempting to fill in the Major Form. Altered or messy forms are not acceptable. Note: we hope to go to online major forms in the very near future which will be specific to your emphasis area. When that happens, these instructions will no longer be valid.

1. Fill in your name, minor, student id number, current email address, current phone number, and planned graduation date. Type or print clearly. All grades for Kinesiology courses must be C- or above.

2. In core curriculum section, enter only one class where alternatives are permitted (KIN 160 or 161 or 164; 165 or 166).

3. Use "IP" if class is in progress; use "TBT" if course is to be taken. If for any reason a TBT course is being substituted after Major Form has been handed in to the Registrar, be sure to complete a Change of Program Petition (available in SPX 56).

4. Complete Activity Courses in Core section by entering course numbers and names, as well as grades received. List courses in numerical order (e.g., KIN 002B before KIN 014C).

5. Fill in Emphasis area (e.g., Adapted Physical Activity, Athletic Training, etc.); enter course numbers, names, unit values, and grades received.
   • Fill in courses in support of major section (e.g., Bio 65, 66, Chem 30A, GE Math, KIN 100W) by entering course number, name, unit value, and grade received
   • Fill in the course substitution section, if appropriate.
   • If you took a course at another institution, abbreviate the name of the institution in the margin next to the appropriate SJSU course number, and list department and course number.
   • Attached transcripts for all course work listed on Major Form.
   • Take the completed Major Form to your advisor for checking and signing. Your advisor will forward the form to the Advising Manager and the Undergraduate Coordinator.

11. When the form has been signed, or if a problem arises, you may be notified on the KIN bulletin board OR you can pick it up in SPX 56. You are responsible for picking up your major form from the office.

12. Once the form has been approved, submit the white copy of the Major Form in a sealed envelope and the application for graduation (once paid at the Bursar's Office) form with the registrar in Admissions & Records. The department keeps a yellow copy of the Major Form, and a pink copy is for your records.

The University Catalog and Schedule of Classes both have information about the university rules and deadlines.

BE SURE TO READ EVERYTHING ABOUT GRADUATION APPLICATION AT LEAST ONE YEAR BEFORE YOU INTEND TO GRADUATE. (Information is in the Catalog; deadlines are in the Schedule of Classes)
SAN JOSE STATE UNIVERSITY
DEPARTMENT of KINESIOLOGY
MAJOR FORM (use until online form becomes available during 2010)

Name: ___________________________ Major: □ Kinesiology □ Kinesiology – Athletic Training
Student ID Number: _______________________ Email Address: ___________________________
Current Phone #: ________________________ Expected Graduation Date: Month _____ Year ______

First College Semester was FALL □ SPRING □ of the YEAR _______ Yr of Handbook followed _______
Have you been continuously enrolled? YES □ NO □ if not, when did you re-enter: FALL □ SPRG □ YEAR ______
Will you have a minimum of 120 units completed by the time of graduation?       YES □ NO □

• If a course is taken at another university/college, please indicate institution’s name and course number in the margins.
• List all KIN Emphasis Courses SEQUENTIALLY in order of course numbers from LOW to HIGH.
• List all non-KIN Emphasis Electives ALPHABETICALLY, by department, and SEQUENTIALLY, in order of course numbers from LOW to HIGH.
• All Core (including 4 Activity Classes) and Emphasis courses must be completed with a C- or better
  o Exceptions: KIN 100W and GE Math which must be completed with a C or better (University policy)

CORE CURRICULUM:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Grade</th>
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<tbody>
<tr>
<td>KIN 070</td>
<td>Intro.to Kinesiology</td>
<td>3</td>
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<tr>
<td>KIN 155</td>
<td>Exercise Physiology</td>
<td>3</td>
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<tr>
<td>KIN 158</td>
<td>Biomechanics</td>
<td>3</td>
<td></td>
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<tr>
<td>KIN 160</td>
<td>History of Sport &amp; PE</td>
<td>3</td>
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<tr>
<td>or 161</td>
<td>Philosophy of Sport</td>
<td>3</td>
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<tr>
<td>or 164</td>
<td>Soc-Cult Perspectives</td>
<td>3</td>
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<tr>
<td>KIN 165</td>
<td>Motor Development</td>
<td>3</td>
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<td>or 166</td>
<td>Motor Learning</td>
<td>3</td>
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<tr>
<td>KIN 175</td>
<td>Measurement &amp; Evaluation</td>
<td>3</td>
<td></td>
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<tr>
<td>KIN 185</td>
<td>Senior Seminar</td>
<td>3</td>
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COURSES IN SUPPORT OF MAJOR:

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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>Bio 65</td>
<td>Human Anatomy</td>
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<tr>
<td>Bio 66</td>
<td>Human Physiology</td>
<td>5</td>
<td></td>
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<tr>
<td>Chem 30A</td>
<td>Introduction to Chemistry</td>
<td>3</td>
<td></td>
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<tr>
<td>or GE Math Area B4</td>
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<tr>
<td>KIN 100W</td>
<td>Writing Workshop</td>
<td>3</td>
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ACTIVITY COURSES FOR THE KIN CORE (4) AND FOR UNIVERSITY GRADUATION (2):

Note: The four (4) activity courses for the KIN Core must be from four (4) different movement areas
Note: Only one (1) activity course from University Athletics (ATH) may be used

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<th>KIN</th>
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<td>KIN</td>
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Substitute for

Substitute for

Advisor: ___________________________ Date ___________________________
Advising Manager: ___________________________ Date ___________________________
UG Coordinator/Dept. Chair: ___________________________ Date ___________________________

KIN Handbook 8/10
KIN 070  Introduction to Kinesiology. Explores the broad spectrum of kinesiology as an academic discipline, fundamental concepts and meaning of movement/physical activity, diversity of humans as moving beings, professional/career options, current issues, personal characteristics/professional responsibilities, Kinesiology at SJSU; initiates professional portfolio. Required for KIN major/minors only. Lecture 2 hrs/activity 2 hrs.  3 units

KIN 100W  Writing Workshop. Advanced skills in writing. Development of writing style and creation of organized persuasive and analytical prose. Generalized and specialized forms of writing. Prerequisite: ENGL 1B (C or better grade), completion of Core GE, satisfaction of Writing Skills Test, KIN 70 for major/minor only or instructor consent and upper division standing. ABC/ NC grading. 3 units GE: Z

KIN 101*  Sport in America. The role of sport (recreational and professional) as a social, political, and economic institution in American society. Critical examination of contemporary issues affecting sport and sport involvement by diverse cultural groups within American society. Prerequisites: Completion of Core GE, satisfaction of Writing Skills Test, and upper division standing. 3 units

KIN 105  Water Safety Instructor's Course. American Red Cross Water Safety Instructor's card issued. (Spring only) Prerequisites: Minimum age of 18. Lecture 1 hr/activity 2 hrs.  2 units

KIN 107  Adapted Aquatics. Theories, techniques, and practice in the instruction of persons with disabilities as they function in the aquatic environment. Prerequisites: KIN 70 or instructor consent. Activity 2 hrs.  1 unit. (Spring only)

KIN 149  Child Health and Physical Activity. An integrative approach to understanding the multiple factors that impact children's health and physical fitness and that influence the development of lifelong habits. Emphasis is on the inter-relationships between health and fitness and cognitive, social, and emotional well-being. Prerequisites: CHAD 60 or instructor consent. 3 units

KIN 152  Theory of Sport and Fitness Management. Basic theory of sport management. Topics include: sport management and organizational skills; sport marketing and sales; sport communication; sport finance; sport economics; sport law; sport governance. Prerequisites: KIN 70 or instructor consent.  3 units (Fall only)

KIN 153  Sport Facility and Event Management. Provide students with the skills necessary to effectively manage sport and fitness facilities and events. Prerequisites: KIN 70; KIN 152 or instructor consent. 3 units (Spring only)

KIN 154A  Instrumentation in Exercise Physiology and Biomechanics. Familiarity and proficiency with methods and instruments of assessing physiological and biomechanical characteristics of human performance. Prerequisites: KIN 70 or instructor consent; KIN 155 and KIN 158 (with C- grade or better in each). Lecture 1 hr/activity 4 hrs.  3 units (Fall only)

KIN 154B  ECG Interpretations and Graded Exercise Testing. Theoretical background and practical proficiency in the methods and instruments of electrocardiogram interpretations and graded exercise testing. Prerequisites: KIN 70 and KIN 155 (with C- grade or better in each). Lecture 2 hrs/activity 2 hrs.  3 units (Spring only)

KIN 155  Exercise Physiology. Physiological responses and adaptations of the human organism to physical activity. Prerequisites: KIN 70 or instructor consent, BIO 66, CHEM 30A , approved GE math. Lecture 2 hrs/activity 2 hrs.  3 units

KIN 156  Introduction to Adapted Physical Activity. This course focuses on attitude change as well as knowledge, comprehension, and application of human movement principles related to individuals with disabling conditions. Prerequisites: KIN 70 or instructor consent. 3 units

* GE course: Not for major or minor credit for Kinesiology majors or minors.
KIN 158  **Biomechanics.** Relationship of structural and mechanical principles of the musculoskeletal system to the analysis of human performance.  **Prerequisites:** KIN 70 or instructor consent, BIO 65, and approved GE Math. Lecture 2 hrs/activity 2 hrs. 3 units

KIN 159  **Sport and Adapted Activities.** Principles of human performance for adapting sport and activity for individuals with disabling conditions. **Prerequisites:** KIN 70 or instructor consent. Lecture 2hrs/activity 2 hrs. 3 units

KIN 160  **History of Sport and Physical Education.** Historical survey of physical education and sport from primitive societies through classical and medieval periods to 19th-20th century. Development of sport, physical education, and recreation in the U.S. and factors affecting their growth. **Prerequisites:** KIN 70 or instructor consent. 3 units

KIN 161  **Philosophical Perspectives of Sport.** Emphasis on systems of philosophy, aesthetic and moral considerations, metaphysical fitness, and contemporary issues. Review of leading human movement theorists. **Prerequisites:** KIN 70 or instructor consent. 3 units

KIN 162  **Advanced Fitness Assessment and Exercise Prescription.** In-depth study and analysis of the principles and techniques used in the assessment of physical fitness and health as well as the design of conditioning programs and physical activities. **Prerequisites:** KIN 70 or instructor consent; KIN 155 (with C-grade or better in each). Lecture 2 hrs/activity 2 hrs. 3 units

KIN 163**  **Physical Fitness and Nutrition.** See NUFS 163: Principles of sound nutrition and physical activities to optimize the physiological, psychological, and social lifelong development of the individual; assessment and evaluation of physical fitness, body composition, and dietary patterns and their interrelationships. **Prerequisites:** WST and upper division standing. 3 units

KIN 164  **Sociocultural Perspectives.** Sociocultural processes of sport and play in contemporary society. The study of phenomena arising out of group relations within the realm of human performance. **Prerequisites:** KIN 70 or instructor consent. 3 units

KIN 165  **Motor Development.** Motor development of the individual from birth to maturity. Emphasis upon motor behavior, needs, capacities and interest. **Prerequisites:** KIN 70 or instructor consent. 3 units

KIN 166  **Motor Learning.** Concepts, principles, and theories of motor learning with application to physical activities. **Prerequisites:** KIN 70 or instructor consent; BIO 66. Lecture 2 hrs/lab 2 hrs. 3 units

KIN 167  **Sports Psychology.** See Psych 167: Psychological aspects of sports, including the value of sports, psychological factors involved in competitive as well as non-competitive athletic activities, and the role of sports psychologists. **Prerequisites:** PSYC 1. 3 units

KIN 168  **Psychology of Coaching.** Social, clinical, child, measuring, industrial, personality, and organizational psychology and the practical application of the material to coaching. **Prerequisites:** KIN 70 or instructor consent. 3 units

KIN 169**  **Diversity, Stress and Health.** Impact of structured inequalities on stress and health of diverse populations. Analysis of physiological/psychosocial health factors related to diversity, as well ad behavioral interventions and social actions that mediate stress and optimize health and social justice. **Prerequisites:** WST and upper division standing. 3 units

KIN 170 A  **Field Experience Teaching on Campus.** Practical experiences for developing teaching competencies in an on-campus or field based activity. **Prerequisites:** KIN 70 or instructor consent, 35 units completed in major. 1 unit

KIN 170B  **Field Experience Teaching.** Practical experiences to satisfy certification requirement in off-campus or field-based programs. **Prerequisites:** KIN 70 or consent of instructor; concurrent enrollment in KIN 172, KIN 173, KIN 178 or KIN 179. Repeatable for credit. C / NC grading.

KIN 170C  **Fieldwork in Adapted Kinesiology.** Supervised experiences in adapted physical activity at selected private and public agencies. **Prerequisites:** KIN 70 or consent of instructor; KIN 156; concurrent enrollment in KIN 172 or KIN 178 or KIN 179. Repeatable for credit. C / NC grading. 1-3 units

**GE course: Major Kinesiology majors possible with KIN advisor's approval.
KIN 170D  Fieldwork in Sport Management. Students gain practical experience in a professional work setting while working 100 hours under the direct supervision of qualified working professionals. Interns are assigned a variety of duties and experiences. **Prerequisites:** KIN 70, KIN 152, and upper division standing. Repeatable for credit. C / NC grading. 1-3 units for a maximum of 3.

KIN 170E  Field Experience Coaching on Campus. Practical experience in on-campus programs for coaching minors. **Prerequisites:** KIN 70 or instructor consent. Repeatable once for credit. C / NC grading. 2 units

KIN 170F  Field Experience Coaching off Campus. Practical experience in off-campus programs for coaching minors. **Prerequisites:** KIN 70 or instructor consent. Repeatable once for credit. C / NC grading. 2 units

KIN 170G  Field Experience Activity Programs on Campus. Practical experience in on-campus activity programs. Appropriate only for non-teaching concentration areas. **Prerequisites:** KIN 70 or instructor consent. Repeatable for credit for 3 unit maximum. C / NC grading. 1 unit

KIN 170H  Field Experience Skin and SCUBA Diving on Campus. Practical experience in skin and SCUBA diving situations. Appropriate for certified SCUBA divers to satisfy certification requirements in on-campus program. **Prerequisites:** SCUBA Diver Certificate, Life-Saving, first-aid and CPR certification. Repeatable for 4 units. C / NC grading. 1 unit

KIN 171A  Non Traditional Game and Sport Activities. Non traditional and global game and sport activities appropriate for preadolescents and adolescents in instructional settings. **Prerequisites:** KIN 70 or instructor consent; upper division standing. Lecture/activity 4 hrs. 3 units

KIN 172  Elementary School Programs, K-6. Philosophy, principles, and activities of physical education appropriate for children. **Prerequisites:** KIN 70 or instructor consent: KIN 165 or KIN 173; Co requisites: KIN 170B or KIN 170C. Lecture/activity 4 hrs. 3 units

KIN 173  Introduction to Teaching Physical Education. Introduce future physical educators to the teaching profession in today's schools. Includes personal exploration, philosophy of teaching ethics. Standards for the Teaching Profession, legal and business aspects, current issues and trends, development of learning communities, and observation of effective teaching. **Prerequisites:** KIN 70 for majors/minors only or instructor consent or concurrent enrollment; KIN 171A. Co-requisite: KIN 170B. 3 units

KIN 174  Assessment of Psychomotor Function. Basic procedural elements of informal observation, formal performance testing and direct measures of psychomotor function of individuals with disabling conditions. **Prerequisites:** KIN 70 or instructor consent. 3 units

KIN 175  Measurement and Evaluation in Kinesiology. Concepts of measurement and evaluation related to the assessment of perceptual, cognitive, motor, and physical characteristics. Activities related to adapted, fitness, and sport skill assessment with computer applications. **Prerequisites:** KIN 70 or instructor consent; approved GE math concept course. Lecture / activity 4 hrs. 3 units

KIN 177  Movement Experiences for Children. Physical Education K-6 curricular philosophy and activities appropriate for elementary school personnel; emphasizes the social, emotional, physical and skill development of children in the elementary school setting. **Prerequisites:** CD 60 or CD 67. Lecture 2 hrs/activity 2 hrs. 3 units

KIN 178  Management Practices for Physical Education Teachers. Examines current practices for managing student behaviors, instructional technology legal regulations, and physical fitness needs as well as exploring adolescent development. **Prerequisite:** Kin 70 for majors/minors only or instructor consent; Kin 172, Kin 171A or concurrent enrollment and upper division standing. Co-requisite: KIN 170B or KIN 170C. Lecture 2 hours/lab 2 hours. 3 units

KIN 179  Design and Assessment of Movement Experiences. Integrate concepts from kinesiology, motor learning, motor development to address sequential movement experiences, including qualitative analysis and interactions with performer. **Prerequisites:** Kin 70 for majors/minors only or instructor consent; KIN 158, KIN 166 and KIN 178. Co requisite: KIN 170B or KIN 170C. Lecture/activity 4 hours. 3 units
KIN 180  Individual Studies. Individual work on special topics by arrangement. **Prerequisites:** KIN 70 or instructor consent; Kinesiology major or minor, minimum GPA, 2.5 and approval of advisor. Repeatable for a total of 4 units. C / NC grading. 1-4 units

KIN 180C  Individual Studies: Coaching. Individual education in selected coaching situations. **Prerequisites:** KIN 70, upper division coaching minor; appropriate concepts and performance course, or intermediate level competency, or instructor consent. Repeatable for credit. 2 units

KIN 184  Directed Reading. Assigned reading of selected books, journals, and papers. Conferences with instructor, seminars, reports (oral and written). **Prerequisites:** KIN 70; instructor and department chair consent. Repeatable for credit. C / NC grading. 1-4 units

KIN 185  Senior Seminar in Kinesiology. Problem-centered study of perspectives on human beings in motion; a culminating class for students to synthesize their undergraduate preparation, including completion of a professional portfolio and movement project. **Prerequisites:** KIN 70 or instructor consent; 35 units of KIN upper division coursework; major form completed and signed by an advisor, advising manager, and undergraduate coordinator. 3 units

KIN 185H  Senior Seminar - Honors. Examination of a topic of current interest in Kinesiology. Summarized paper to be presented at student seminar. **Prerequisites:** KIN 70 or instructor consent; senior standing, 3.2 or better GPA, and 3.5 or better average in major. 3 units

KIN 186  Pharmacology in Sport Medicine. Focuses on the basic pharmacology principles including legislation, administration, pharmacotherapeutics, drug classifications, and drug therapy and testing. Primary emphasis is placed upon pharmacology in the sports medicine arena. **Prerequisites:** A basic prevention and care of athletic injuries course is highly recommended. 3 units **WINTER & ONLINE ONLY**

KIN 187  Clinical Exercise Physiology. Physiological principles applied to the prevention, management, and treatment of chronic health Conditions. Focus on the pathophysiology, acute response to exercise, chronic training effects and development of appropriate conditioning and training programs for chronic conditions. Prerequisites: KIN 70 or instructor consent; KIN 155 (with grades of C- or better in each). 3 units

KIN 188  Prevention and Care of Athletic Injuries. Introduce students to the basic concepts of prevention, recognition, assessment, treatment and management of athletic injuries. **Prerequisites:** BIO 65; KIN 70. 2 units

KIN 189  Prevention and Care of Athletic Injuries Laboratory. The laboratory course is designed to provide hands-on experience in the prevention and care of athletic injuries including preventative and supportive taping techniques, emergency management, and various hands-on experiences related to the prevention of activity related injuries. **Prerequisites:** KIN 188. 1 unit

KIN 191A  Advanced Assessment of Lower Extremity Injuries. An advanced course designed to develop knowledge and skills in recognition, assessment, and medical referral of athletic injuries to the lower extremity, thoracolumbar spine, posture and gait. Activity sessions are designed to assist in the development of clinical assessment skills. **Prerequisites:** KIN 188, KIN 189. 3 units **Fall Only**

KIN 191B  Advanced Assessment of Upper Extremity Injuries. An advanced course designed to further develop knowledge and skills related to recognition, assessment, and appropriate medical referral of athletic injuries to the upper extremity, abdomen, thorax, cervical spine, head, and general medical conditions. Activity sessions are designed to assist in the development of clinical skills necessary to accurately assess the above mentioned pathologies. **Prerequisites:** KIN 191A. Lecture 2 hours/activity 3 hours. 3 units **Spring Only**

KIN 193  Organization & Administration in Athletic Training. Theoretical and practical information concerning organization and administration of a modern athletic training program, including managerial styles, personnel, facilities/equipment management, budget, medical records, insurance issues, legal aspects, public relations, and other current topics in athletic training. **Prerequisites:** KIN 188. 2 units **Fall only**

KIN 194  Therapeutic Exercise. Theoretical and clinical bases for the
**KIN 195**  **Therapeutic Modalities.** Theoretical, clinical aspects of therapeutic modalities in athletic rehabilitation. Course includes the physics and physiological effects, indications and contraindications, as well as application procedures of various therapeutic modalities. **Prerequisites:** KIN 188, Lecture 2 hrs/activity 2 hrs. 3 units

**KIN 197A**  **Practicum in Athletic Training I.** Introductory level supervised practical experiences at selected athletic training clinical settings. **Prerequisites:** Kin 188 and 50 hours of observation. Professional liability insurance required. Repeatable for credit. C / NC grading. 1 unit.

**KIN 197B**  **Practicum in Athletic Training II.** Observations and experiences within the profession of athletic training designed to assist the student in development of the required National Athletic Trainers' Association Education Council competencies. Athletic Training Students will be supervised on a daily basis by a BOC Certified Athletic Trainer. **Prerequisites:** KIN 197A. Professional liability insurance required. Repeatable for credit. C / NC grading. 1 unit.

**KIN 197C**  **Practicum in Athletic Training III.** Clinical practicum in allied health-related situations, e.g., physician's offices, physical therapy sports medicine clinics, etc. Typically off-campus assignment. **Prerequisites:** KIN 197B. Professional liability insurance required. Repeatable for credit. C / NC grading. 1 unit.

**KIN 197D**  **Practicum in Athletic Training IV.** This course is designed to provide the student with advanced and diverse, supervised practical experiences in the athletic training profession. Selected on-and-off campus clinical settings as used to assist the student in development of professional competencies and proficiencies. **Prerequisites:** KIN 197C. Professional liability insurance required. Repeatable for credit. C / NC grading. 1 unit.

**KIN 198**  **Internship in Kinesiology.** Practical experiences in a professional work setting. Experiences will include exercise testing and evaluation, exercise prescription and program design, leadership, and fitness program administration. **Prerequisites:** KIN 70 or instructor consent. Repeatable for credit. C / NC grading. 1-4 units

**KINESIOLOGY EDUCATION - UPPER DIVISION**

**KNED 184I**  **Student Teaching II: Classroom Teaching.** Supervised student teaching in Kinesiology class(es) in the public school where the student is employed as an individualized intern. **Prerequisites:** Admission to Single Subject Credential Program; kinesiology advisor and Single Subject Coordinator consent. Repeatable for credit. C/ NC grading. 2-4 units

**KNED 184Y**  **Student Teaching II: Classroom Teaching.** Minimum 80-120 class periods of classroom, teaching laboratory or field teaching in appropriate single subjects, grades K-12 and related teaching activities and seminar. **Prerequisites:** Joint approval of major and Education departments. Repeatable for credit. C / NC grading. 4-6 units

**KNED 184Z**  **Student Teaching III: Classroom Teaching.** May be different subject/school and will be at a different grade level. See KNED 184Y. Repeatable for credit. C / NC grading. 4-6 units

**KNED 339**  **Instructional Materials and Procedures in Physical Education.** Application of theories of learning and principles of teaching to the selection of instructional procedures to be used in physical education. Practical experience provided. **Prerequisites:** Kin 170B, KIN 172, and Kin 179 and department teacher education approval. Physical education majors and minors only. Lecture/activity 4 hours. 3 units.