DEPARTMENT OF KINESIOLOGY

Students pursuing a Bachelor of Science degree in Kinesiology may select a concentration in athletic training, kinesiology and health science, exercise physiology or physical education. Students with a concentration in athletic training are prepared to pursue state licensure in athletic training careers. The student must be admitted into the Athletic Training Apprenticeship Program within the UTSA Athletic Department in order to pursue this concentration. National certification in athletic training requires additional academic training in an accredited graduate program. Students with a concentration in kinesiology and health science are prepared to pursue careers in health care such as physical therapy and/or occupational therapy. Physical and/or occupational therapy licensure requires additional academic training in an accredited graduate program. Students with a concentration in exercise physiology are trained for careers in exercise science, clinical exercise, and fitness programming in corporate, commercial, medical and public settings. Graduates of this concentration are prepared for professional certifications in fitness and exercise physiology. The physical education concentration provides students the academic and professional experience as required by the State Board for Educator Certification. To be certified as a teacher by the State of Texas, a student must complete his or her coursework, have practical teaching experience (student teaching), and pass the Texas Examinations of Educator Standards (TExES). The graduate of this program will then be certified to teach physical education in grades pre-kindergarten–12. Prior to starting the practical teaching experience, a student must be accepted into the Teacher Certification Program. Please refer to the section on Teacher Certification Program in the catalog for more information.

Department Honors

The Department of Kinesiology awards Department Honors to certain outstanding students and provides the opportunity for advanced study under close faculty supervision.

Selection of honors designation is based on the student’s academic performance and recommendation by the faculty of the student’s major discipline. To be eligible for the program, students must have a minimum overall grade point average of 3.0 at UTSA and a minimum grade point average of 3.5 in their major at UTSA. The minimum grade point averages must be maintained for students to receive the approval of the Department Honors Committee and the discipline faculty. Students applying for Department Honors are expected to enroll in the appropriate honors thesis course during their final two semesters. The completed thesis must be approved by the supervising faculty sponsor and another departmental faculty member. Students interested in this program should contact their professors for additional information.

• B.S. degree in Kinesiology (p. 1)
• B.S. degree in Kinesiology (Athletic Training Concentration) (p. 3)
• B.S. degree in Kinesiology (Exercise Physiology Concentration) (p. 5)
• B.S. degree in Kinesiology (Kinesiology and Health Science Concentration) (p. 7)
• B.S. degree in Kinesiology (Physical Education Concentration) (p. 9)

Bachelor of Science Degree in Kinesiology

This program provides students with the opportunity to pursue a Bachelor of Science (B.S.) degree in Kinesiology. Students may apply for admission into one of the concentrations within the Kinesiology major if they wish to specialize in athletic training, exercise physiology, kinesiology and health science, or physical education. Students may also pursue the major without a concentration. This also applies to students who are unable to complete one of the concentrations. All required Kinesiology (KIN) courses and support work must be completed with a grade of “C-“ or better.

Academic advising for students seeking the Kinesiology degree is available in the Life and Health Sciences Advising Center. Students who wish to pursue teacher certification will be advised in the Interdisciplinary Education Advising Center.

The minimum number of semester credit hours for this degree, including the Core Curriculum requirements, is 120, of which at least 39 must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Internship Policy

Experiential learning is a valuable element for kinesiology professionals. An internship enables the student to gain practical experience as a professional under conditions conducive to educational development. The internship is a time-limited, supervised period of kinesiology activities carried out in a kinesiology-oriented organization. An internship is optional for the students in the Kinesiology major with no concentration.

Internship Eligibility

Kinesiology majors with no concentration are eligible to apply for an internship if they:

• Have completed all degree requirements of the major and support work
• Have a minimum grade point average (GPA) of 2.5
• Are within 13 hours of graduation (including the 6 hours of the internship)

Students who do not meet the GPA requirement will not be allowed to complete the internship.

Mandatory meetings are held in the semester prior to the student enrolling in the internship. These meetings are held in June (for Fall), October (for Spring), and March (for Summer). Students are required to meet with their academic advisor prior to the meeting to verify that they are eligible for the internship. This must be done by October 1st, March 1st, or May 1st for the respective internship meeting. Students must bring a signed degree plan from their advisor to the mandatory internship meeting.

Students who miss the meeting may be ineligible for the internship in the following semester. Extenuating circumstances must be documented and will be considered on a case-by-case basis by the internship coordinator.

Students requesting an internship at a site that requires a criminal background check are responsible for having the background check completed and submitted to the internship site for approval. Students are responsible for paying any fees associated with the completion of the background check. Students must have the background check completed...
and accepted by the internship site when the work plan for the internship site when the work plan for the internship is submitted.

**Core Curriculum Requirements (42 semester credit hours)**

Students seeking the B.S. degree in Kinesiology must fulfill University Core Curriculum requirements in the same manner as other students. If courses are taken to satisfy both degree requirements and Core Curriculum requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

Core Curriculum Component Area Requirements (http://catalog.utsa.edu/undergraduate/bachelorsdegree/regulations/degerequirements/corecurriculumcomponentarearequirements/)

<table>
<thead>
<tr>
<th>First Year Experience Requirement</th>
<th>3</th>
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<tbody>
<tr>
<td>Communication</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Life and Physical Sciences</td>
<td>6</td>
</tr>
<tr>
<td>Language, Philosophy and Culture</td>
<td>3</td>
</tr>
<tr>
<td>Creative Arts</td>
<td>3</td>
</tr>
<tr>
<td>American History</td>
<td>6</td>
</tr>
<tr>
<td>Government-Political Science</td>
<td>6</td>
</tr>
<tr>
<td>Social and Behavioral Sciences</td>
<td>3</td>
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<td>Component Area Option</td>
<td>3</td>
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<tr>
<td>Total Credit Hours</td>
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**Gateway Course**

Students pursuing the B.S. degree in Kinesiology must successfully complete the following Gateway Course with a grade of "C-" or better in no more than two attempts. A student who is unable to successfully complete this course within two attempts, including dropping the course with a grade of "W" or taking an equivalent course at another institution, will be required to change his or her major.

| KIN 2303 Foundation of Kinesiology |  |

**Degree Requirements**

Students in the Kinesiology major are required to successfully complete all required KIN courses, and select elective courses based on their postgraduate goals.

**A. Required KIN courses**

| KIN 2123 Fitness and Wellness Concepts | 3 |
| KIN 2303 Foundations of Kinesiology   | 3 |
| KIN 3103 Motor Development            | 3 |
| KIN 3323 Biomechanics                 | 3 |
| KIN 3433 Exercise Physiology          | 3 |
| KIN 4023 Exercise Psychology          | 3 |
| KIN 4113 Evaluation                   | 3 |
| KIN 4123 Introduction to Sport Psychology | 3 |
| KIN 4403 Motor Learning               | 3 |
| KIN 4423 Developmental/Adapted Physical Activity | 3 |

**B. Support courses**

| BIO 1233 Contemporary Biology I or BIO 1404 Biosciences I | 3-4 |

**B.S. in Kinesiology – Recommended Four-Year Academic Plan**

**First Year**

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>AIS 1203 Academic Inquiry and Scholarship (core)</td>
<td>3</td>
</tr>
<tr>
<td>KIN 2303 Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>WRC 1013 Freshman Composition I (core)</td>
<td>3</td>
</tr>
<tr>
<td>Life &amp; Physical Sciences core</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics core</td>
<td>3</td>
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<tr>
<td>Total Credit Hours</td>
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<table>
<thead>
<tr>
<th>Spring</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1233 or BIO 1404 Contemporary Biology I (core and major) or Biosciences I</td>
<td>3-4</td>
</tr>
<tr>
<td>KIN 2123 Fitness and Wellness Concepts</td>
<td>3</td>
</tr>
<tr>
<td>WRC 1023 Freshman Composition II (core)</td>
<td>3</td>
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<tr>
<td>University core course</td>
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</tr>
<tr>
<td>University core course</td>
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</table>

<table>
<thead>
<tr>
<th>Second Year</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>Fall</td>
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</tr>
<tr>
<td>BIO 2053 or KIN 3313 Human Anatomy and Physiology I or Anatomy and Physiology for Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>STA 1053 or STA 1403 Basic Statistics or Probability and Statistics for the Biosciences</td>
<td>3</td>
</tr>
<tr>
<td>University core course</td>
<td>3</td>
</tr>
<tr>
<td>University core course</td>
<td>3</td>
</tr>
<tr>
<td>University core course</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 85-86
Bachelor of Science Degree in Kinesiology (Athletic Training Concentration)

This program provides students with the opportunity to pursue a Bachelor of Science (B.S.) degree in Kinesiology with a concentration in Athletic Training. Students become eligible to apply for the Texas state licensure upon completion of this concentration. Students must be accepted into the Athletic Training Apprenticeship Program to pursue this concentration. The apprenticeship program involves 1800 hours of clinical internship over a minimum of five semesters. All kinesiology degree core and support work must be completed with a grade of "C-" or better.

### Admission Policy

The goal of admission requirements for the Athletic Training concentration is to provide undergraduate students with a program of study with the highest possible standards. To achieve this goal, the admission policy is designed to identify those students most likely to succeed in athletic training. All applicants for admission to the Athletic Training concentration will be initially admitted to the Kinesiology program without a concentration. In order for a student to declare the Athletic Training concentration, a student must be admitted to the Athletic Training Apprenticeship Program, and meet the following academic criteria.

To declare an Athletic Training concentration, a Kinesiology major must have:

- Completed 30 semester credit hours with a cumulative grade point average of 2.50
- Successfully completed the following or equivalent courses with a grade of "C-" or better:
  - BIO 1233 Contemporary Biology I 3
  - KIN 2303 Foundations of Kinesiology 3
  - MAT 1073 Algebra for Scientists and Engineers 3
  - WRC 1013 Freshman Composition I 3

Applicants who have completed all of the above courses as equivalent transferable college credit with a grade of "C-" or better and have no UTSA coursework can declare an Athletic Training concentration if they:

- Meet all UTSA undergraduate admission requirements
- Have completed 30 semester credit hours
- Are admitted into the Athletic Training Apprenticeship Program.

The minimum number of semester credit hours for this degree, including the Core Curriculum requirements, is 120, of which at least 39 must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

### Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.S. degree in Kinesiology with a concentration in Athletic Training must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements. If courses are taken to satisfy both degree requirements and Core Curriculum requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

STA 1053 should be used to satisfy the core requirement in Mathematics. BIO 1233 should be used to satisfy one of the core requirements in Life and Physical Sciences. PSY 1013 or SOC 1013 is recommended to satisfy the core requirement in Social and Behavioral Sciences. COM 2113 is recommended to satisfy the core requirement in the Component Area Option.

For a complete listing of courses that satisfy the Core Curriculum requirements, see Core Curriculum Component Area Requirements above.

### Degree Requirements

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>MAT 1073 or MAT 1023</td>
<td>Algebra for Scientists and Engineers or College Algebra with Applications</td>
<td>3</td>
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<tr>
<td></td>
<td>Nutrition course (BIO 2043, HTH 3013, or KIN 4253)</td>
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<td>3</td>
</tr>
<tr>
<td></td>
<td>University core course</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>University core course</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>University core course</td>
<td></td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Credit Hours</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>Third Year</td>
<td>Fall</td>
<td>COM 1053 or COM 2113</td>
<td>Business and Professional Speech or Public Speaking</td>
</tr>
<tr>
<td></td>
<td>KIN 3103</td>
<td>Motor Development</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>KIN 4423</td>
<td>Developmental/Adapted Physical Activity</td>
<td>3</td>
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<tr>
<td></td>
<td>Free elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Free elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credit Hours</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>Spring</td>
<td>KIN 3323</td>
<td>Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>KIN 3433</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>KIN 4123</td>
<td>Introduction to Sport Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Free elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Free elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credit Hours</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>Fourth Year</td>
<td>Fall</td>
<td>KIN 4023</td>
<td>Exercise Psychology</td>
</tr>
<tr>
<td></td>
<td>KIN 4113</td>
<td>Evaluation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>KIN 4403</td>
<td>Motor Learning</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Free elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Free elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Free elective (to meet 120 hour minimum)</td>
<td></td>
<td>2-3</td>
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<tr>
<td></td>
<td><strong>Credit Hours</strong></td>
<td></td>
<td><strong>18-17</strong></td>
</tr>
<tr>
<td>Spring</td>
<td>KIN 4936</td>
<td>Internship in Kinesiology</td>
<td>6</td>
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<tr>
<td></td>
<td>Free elective</td>
<td></td>
<td>3</td>
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<tr>
<td></td>
<td>Free elective</td>
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<tr>
<td></td>
<td><strong>Credit Hours</strong></td>
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<td><strong>12</strong></td>
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<td></td>
<td><strong>Total Credit Hours</strong></td>
<td></td>
<td><strong>120</strong></td>
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</table>
Gateway Course

Students pursuing the Bachelor of Science degree in Kinesiology must successfully complete the following Gateway Course with a grade of "C-" or better in no more than two attempts. A student who is unable to successfully complete this course within two attempts, including dropping a course with a grade of "W" or taking an equivalent course at another institution, will be required to change his or her major.

KIN 2303 Foundations of Kinesiology

Degree Requirements

Students in the Athletic Training concentration are required to successfully complete all required HTH and KIN courses, and select designated elective courses based on their post-graduate goals.

A. Required HTH and KIN courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTH 3003</td>
<td>Survey of Drugs and Health</td>
<td>3</td>
</tr>
<tr>
<td>KIN 2141</td>
<td>Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2211</td>
<td>First Aid and CPR</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2303</td>
<td>Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3071</td>
<td>Musculoskeletal Fitness Instruction</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3303</td>
<td>Care and Prevention of Athletic Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3323</td>
<td>Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3433</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3453</td>
<td>Exercise Prescription</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3463</td>
<td>Musculoskeletal Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4043</td>
<td>Therapeutic Modalities</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4123</td>
<td>Introduction to Sport Psychology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4143</td>
<td>Evaluation of Athletic Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4243</td>
<td>Musculoskeletal Rehabilitation</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4253</td>
<td>Exercise Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4403</td>
<td>Motor Learning</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4931</td>
<td>Clinical Applications of Athletic Injuries</td>
<td>6</td>
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B. Support courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1233</td>
<td>Contemporary Biology I</td>
<td>3</td>
</tr>
<tr>
<td>BIO 2053</td>
<td>Human Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIO 2051</td>
<td>and Human Anatomy and Physiology Laboratory I</td>
<td>4</td>
</tr>
<tr>
<td>BIO 2063</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIO 2061</td>
<td>and Human Anatomy and Physiology Laboratory II</td>
<td>4</td>
</tr>
<tr>
<td>CHE 1103</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>COM 2113</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>or COM 1053</td>
<td>or Business and Professional Speech</td>
<td></td>
</tr>
<tr>
<td>MAT 1073</td>
<td>Algebra for Scientists and Engineers</td>
<td>3</td>
</tr>
<tr>
<td>PHY 1603</td>
<td>Algebra-based Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1013</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>or SOC 1013</td>
<td>or Introduction to Sociology</td>
<td></td>
</tr>
<tr>
<td>STA 1053</td>
<td>Basic Statistics</td>
<td>3</td>
</tr>
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</table>

C. Designated electives

Select 13 semester credit hours from the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BIO 1033</td>
<td>Drugs and Society</td>
</tr>
<tr>
<td>CHE 1113</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>CHE 1121</td>
<td>General Chemistry I Laboratory</td>
</tr>
<tr>
<td>CHE 1131</td>
<td>General Chemistry II Laboratory</td>
</tr>
<tr>
<td>HTH 3013</td>
<td>Survey of Human Nutrition</td>
</tr>
<tr>
<td>or BIO 2043</td>
<td>Nutrition</td>
</tr>
<tr>
<td>HTH 4503</td>
<td>Human Disease and Epidemiology</td>
</tr>
<tr>
<td>KIN 2123</td>
<td>Fitness and Wellness Concepts</td>
</tr>
<tr>
<td>KIN 3103</td>
<td>Motor Development</td>
</tr>
<tr>
<td>KIN 3313</td>
<td>Anatomy and Physiology for Kinesiology</td>
</tr>
<tr>
<td>KIN 4023</td>
<td>Exercise Psychology</td>
</tr>
<tr>
<td>KIN 4113</td>
<td>Evaluation</td>
</tr>
<tr>
<td>KIN 4413</td>
<td>Coaching Athletics</td>
</tr>
<tr>
<td>PHY 1611</td>
<td>Algebra-based Physics I Laboratory</td>
</tr>
<tr>
<td>PHY 1623</td>
<td>Algebra-based Physics II</td>
</tr>
<tr>
<td>PHY 1631</td>
<td>Algebra-based Physics II Laboratory</td>
</tr>
<tr>
<td>PSY 2503</td>
<td>Developmental Psychology</td>
</tr>
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</table>

Total Credit Hours 90

B.S. in Kinesiology, Athletic Training Concentration – Recommended Four-Year Academic Plan

First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>AIS 1203</td>
<td>Academic Inquiry and Scholarship (core)</td>
</tr>
<tr>
<td>BIO 1233</td>
<td>Contemporary Biology I (core and major)</td>
</tr>
<tr>
<td>KIN 2303</td>
<td>Foundations of Kinesiology</td>
</tr>
<tr>
<td>MAT 1073</td>
<td>Algebra for Scientists and Engineers</td>
</tr>
<tr>
<td>WRC 1013</td>
<td>Freshman Composition I (core)</td>
</tr>
<tr>
<td>Credit Hours</td>
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Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIO 2053</td>
<td>Human Anatomy and Physiology</td>
</tr>
<tr>
<td>BIO 2051</td>
<td>Human Anatomy and Physiology Laboratory I</td>
</tr>
<tr>
<td>CHE 1103</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>KIN 2211</td>
<td>First Aid and CPR</td>
</tr>
<tr>
<td>KIN 4931</td>
<td>Clinical Applications of Athletic Injuries</td>
</tr>
<tr>
<td>Designated elective or University core course</td>
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</tr>
<tr>
<td>Designated elective or University core course</td>
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<tr>
<td>Credit Hours</td>
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</table>

Spring

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIO 2063</td>
<td>Human Anatomy and Physiology II</td>
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</tbody>
</table>
Bachelor of Science Degree in Kinesiology  
(Exercise Physiology Concentration)

This program provides students with the opportunity to pursue a Bachelor of Science (B.S.) degree in Kinesiology with a concentration in Exercise Physiology. Students are trained for careers in exercise science. All kinesiology degree core and support work must be completed with a grade of "C-" or better.

Admission Policy

The goal of admission requirements for the Exercise Physiology concentration is to provide undergraduate students with a program of study with the highest possible standards. To achieve this goal, the admission policy is designed to identify those students most likely to succeed in kinesiology education. Academic performance for declaration of the Exercise Physiology concentration will be evaluated after the following criteria has been met:

- Completed 30 semester credit hours with a cumulative grade point average of 2.5
- Successfully completed the following or equivalent courses with a grade of "C-" or better:
  - BIO 1233 Contemporary Biology I 3
  - BIO 1404 Biosciences I 3
  - KIN 2303 Foundations of Kinesiology 3
  - MAT 1023 College Algebra with Applications 3
  - MAT 1073 Algebra for Scientists and Engineers 3
  - WRC 1013 Freshman Composition I 3

Applicants who have completed all of the above courses as equivalent transferable college credit with a grade of "C-" or better and have no UTSA coursework can declare an Exercise Physiology concentration if they:

- Meet all UTSA undergraduate admission requirements
- Have completed 30 semester credit hours.

The minimum number of semester credit hours for this degree, including the Core Curriculum requirements, is 120, of which at least 39 must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Internship Eligibility

Kinesiology majors with Exercise Physiology concentration are eligible to apply for an internship if they:

- Have completed all degree requirements of the major and support work
- Have a minimum grade point average (GPA) of 2.5
- Are within 13 hours of graduation (including the 6 hours of the internship).

Students who do not meet the GPA requirement will not be allowed to complete the internship. The program coordinator will assign students who do not meet the GPA requirement two upper-level courses (3 credit hours each) to take in place of the internship course.

Mandatory meetings are held in the semester prior to the student enrolling in the internship. These meetings are held in June (for Fall), October (for Spring), and March (for Summer). Students are required to meet with their academic advisor prior to the meeting to verify that they are eligible for the internship. This must be done by October 1st, March 1st, or May 1st for the respective internship meeting. Students must bring a signed degree plan from their advisor to the mandatory internship meeting.
Students who miss the meeting may be ineligible for the internship in the following semester. Extenuating circumstances must be documented and will be considered on a case-by-case basis by the internship coordinator.

Students requesting an internship at a site that requires a criminal background check are responsible for having the background check completed and submitted to the internship site for approval. Students are responsible for paying any fees associated with the completion of the background check. Students must have the background check completed and accepted by the internship site when the work plan for the internship is submitted.

**Appeal Process**

Students who wish to appeal the internship requirement due to prior work experience may do so by completing and submitting the appeal form, available from the academic advisor, with written documentation to a three-member review committee. Prior work experience is defined as an experience that is at least equivalent to what students will earn in a 300-hour internship. Both the length and quality of the experience will be evaluated. Written documentation submitted with the form includes: 1) a letter from the student detailing his or her work experience, how it fits his or her degree plan, and his or her career goals; 2) the student’s resume; and 3) a letter from his or her work supervisor verifying employment and stating the extent of their job responsibilities and the relationship to the degree. The appeal packet must be received by the department internship coordinator no later than October 7th, March 7th, or May 7th, for the Spring, Summer, or Fall semesters, respectively. The committee will meet prior to the internship meeting to discuss the appeals and make a recommendation to the Department Chair. Students who are denied appeals must attend the internship meeting and complete the internship.

**Core Curriculum Requirements (42 semester credit hours)**

Students seeking the B.S. degree in Kinesiology with a concentration in Exercise Physiology must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements. If courses are taken to satisfy both degree requirements and Core Curriculum requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

MAT 1023 should be used to satisfy the core requirement in Mathematics. BIO 1233 or BIO 1404 should be used to satisfy one of the Life and Physical Sciences core requirements. COM 2113 should be used to satisfy the Component Area Option requirement.

For a complete listing of courses that satisfy the Core Curriculum requirements, see Core Curriculum Component Area Requirements above.

**Gateway Course**

Students pursuing the B.S. degree in Kinesiology must successfully complete the following Gateway Course with a grade of “C-” or better in no more than two attempts. A student who is unable to successfully complete this course within two attempts, including dropping a course with a grade of “W” or taking an equivalent course at another institution, will be required to change his or her major.

KIN 2303 Foundations of Kinesiology

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**Degree Requirements**

**A. Required KIN courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 2111</td>
<td>Lifetime Fitness Activity Instruction</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2211</td>
<td>First Aid and CPR</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2303</td>
<td>Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 2441</td>
<td>Management in Kinesiology</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3051</td>
<td>Group Fitness Instruction</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3071</td>
<td>Musculoskeletal Fitness Instruction</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3321</td>
<td>Biomechanics Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3323</td>
<td>Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3431</td>
<td>Exercise Mechanics Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3433</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3441</td>
<td>Health Related Fitness Assessment Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3443</td>
<td>Health Related Fitness Assessment</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3453</td>
<td>Exercise Prescription</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4023</td>
<td>Exercise Psychology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4233</td>
<td>Advanced Exercise Physiology</td>
<td>3-4</td>
</tr>
<tr>
<td>or KIN 4403</td>
<td>Motor Learning</td>
<td>1</td>
</tr>
<tr>
<td>&amp; KIN 4401</td>
<td>Motor Learning Laboratory</td>
<td></td>
</tr>
<tr>
<td>KIN 4253</td>
<td>Exercise Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4933</td>
<td>Practicum in Kinesiology Research (repeated twice)</td>
<td>6</td>
</tr>
<tr>
<td>or KIN 4936</td>
<td>Internship in Kinesiology</td>
<td></td>
</tr>
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</table>

**B. Support courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1233</td>
<td>Contemporary Biology I</td>
<td>3</td>
</tr>
<tr>
<td>or BIO 1404</td>
<td>Biosciences I</td>
<td></td>
</tr>
<tr>
<td>BIO 2053</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIO 2051</td>
<td>Human Anatomy and Physiology Laboratory I</td>
<td></td>
</tr>
<tr>
<td>BIO 2063</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIO 2061</td>
<td>Human Anatomy and Physiology Laboratory II</td>
<td></td>
</tr>
<tr>
<td>COM 2113</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>MAT 1023</td>
<td>College Algebra with Applications</td>
<td>3</td>
</tr>
<tr>
<td>STA 1053</td>
<td>Basic Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

**C. Minor Required (Student must choose from one of the four minors: 21 Biology, Business, Community Health, or Wellness)**

**D. Electives**

All candidates for this degree must complete enough hours of electives to meet the 120 hour minimum for the degree, including a sufficient number of electives at the upper-division level to meet the UTSA minimum of 39 upper-division hours.

**Total Credit Hours**

90

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**B.S. in Kinesiology, Exercise Physiology Concentration – Recommended Four-Year Academic Plan**

**First Year**

**Fall**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 1203</td>
<td>Academic Inquiry and Scholarship (core)</td>
<td></td>
</tr>
<tr>
<td>BIO 1233</td>
<td>Contemporary Biology I (core and major) or Biosciences I</td>
<td>3</td>
</tr>
<tr>
<td>or BIO 1404</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>KIN 2303</td>
<td>Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>MAT 1023</td>
<td>College Algebra with Applications (core and major)</td>
<td>3</td>
</tr>
</tbody>
</table>
Bachelor of Science Degree in Kinesiology (Kinesiology and Health Science Concentration)

This program provides students with the opportunity to pursue a Bachelor of Science (B.S.) degree in Kinesiology with a concentration in Kinesiology and Health Science. All kinesiology degree core and support work must be completed with a grade of "C-" or better. This concentration is suited for students who are taking prerequisite courses for medical schools or graduate programs in health professions (e.g., Physical Therapy, Occupational Therapy, and Physician Assistant). Students who are interested in applying to these programs are encouraged to meet with their academic advisor and consult with the UTSA Health Professions Office.

Admission Policy

The goal of admission requirements for the Kinesiology and Health Science concentration is to provide undergraduate students with a program of study with the highest possible standards. All applicants for admission to the Kinesiology and Health Science concentration will be initially admitted to the Kinesiology program without a concentration. In order for a student to declare the Kinesiology and Health Science concentration must meet the following academic criteria.

To declare an Kinesiology and Health Science concentration, a Kinesiology major must have:

• Completed 30 semester credit hours with a cumulative grade point average (GPA) of 2.75
• Successfully completed the following or equivalent courses with a grade of "C-" or better

BIO 1404  Biosciences I  4
KIN 2303  Foundations of Kinesiology  3
MAT 1073  Algebra for Scientists and Engineers  3
WRC 1013  Freshman Composition I  3

Applicants who have completed all of the above courses as equivalent transferable college credit with a grade of "C-" or better and have no UTSA coursework can declare a Kinesiology and Health Science concentration if they.
• Meet all UTSA undergraduate admission requirements
• Have completed 30 semester credit hours
• Have a cumulative GPA of 2.75

The minimum number of semester credit hours for this degree, including the Core Curriculum requirements, is 120, of which at least 39 must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

**Internship Policy**

Experiential learning is a valuable element for kinesiology professionals. An internship enables the student to gain practical experience as a professional under conditions conducive to educational development. The internship is a time-limited, supervised period of kinesiology activities carried out in a kinesiology-oriented organization. An internship is optional for the students in the Kinesiology major with a concentration in Kinesiology and Health Science.

**Internship Eligibility**

Kinesiology majors with a concentration in Kinesiology and Health Science are eligible to apply for an internship if they:

- Have completed all degree requirements of the major and support work
- Have a minimum grade point average (GPA) of 2.75
- Are within 13 hours of graduation (including the 6 hours of the internship)

Students who do not meet the GPA requirement will not be allowed to complete the internship.

Mandatory meetings are held in the semester prior to the student enrolling in the internship. These meetings are held in June (for Fall), October (for Spring), and March (for Summer). Students are required to meet with their academic advisor prior to the meeting to verify that they are eligible for the internship. This must be done by October 1st, March 1st, or May 1st for the respective internship meeting. Students must bring a signed degree plan from their advisor to the mandatory internship meeting.

Students who miss the meeting may be ineligible for the internship in the following semester. Extenuating circumstances must be documented and will be considered on a case-by-case basis by the internship coordinator.

Students requesting an internship at a site that requires a criminal background check are responsible for having the background check completed and submitted to the internship site for approval. Students are responsible for paying any fees associated with the completion of the background check. Students must have the background check completed and accepted by the internship site when the work plan for the internship site when the work plan for the internship is submitted.

**Core Curriculum Requirements (42 semester credit hours)**

Students seeking the B.S. degree in Kinesiology with a concentration in Kinesiology and Health Science must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements. If courses are taken to satisfy both degree requirements and Core Curriculum requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

STA 1053 should be used to satisfy the core requirement in Mathematics. BIO 1404 and BIO 1414 should be used to satisfy the core requirement in Life and Physical Sciences. PSY 1013 or SOC 1013 is recommended to satisfy the core requirement in Social and Behavioral Sciences. COM 2113 is recommended to satisfy the core requirement in the Component Area Option.

For a complete listing of courses that satisfy the Core Curriculum requirements, see Core Curriculum Component Area Requirements above.

**Gateway Course**

Students pursuing the B.S. degree in Kinesiology must successfully complete the following Gateway Course with a grade of "C-" or better in no more than two attempts. A student who is unable to successfully complete this course within two attempts, including dropping the course with a grade of "W" or taking an equivalent course at another institution, will be required to change his or her major.

**KIN 2303 Foundations of Kinesiology**

**Degree Requirements**

Students in the Kinesiology and Health Science concentration are required to successfully complete all required KIN courses, and select designated elective courses based on their post-graduate goals. Students interested in applying to Physical Therapy, Occupational Therapy, and Physician’s Assistant programs are encouraged to meet with the academic advisor and consult with the UTSA Health Professions Office.

A. Required KIN courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 2141</td>
<td>Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2303</td>
<td>Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3071</td>
<td>Musculoskeletal Fitness Instruction</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3303</td>
<td>Care and Prevention of Athletic Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3323</td>
<td>Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3433</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3453</td>
<td>Exercise Prescription</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3463</td>
<td>Musculoskeletal Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4043</td>
<td>Therapeutic Modalities</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4143</td>
<td>Evaluation of Athletic Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4243</td>
<td>Musculoskeletal Rehabilitation</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4253</td>
<td>Exercise Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4403</td>
<td>Motor Learning</td>
<td>3</td>
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</table>

B. Support courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO 1404</td>
<td>Biosciences I</td>
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</tr>
<tr>
<td>BIO 1414</td>
<td>Biosciences II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 2053</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIO 2051</td>
<td>Human Anatomy and Physiology Laboratory I</td>
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</tr>
<tr>
<td>BIO 2063</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIO 2061</td>
<td>Human Anatomy and Physiology Laboratory II</td>
<td>4</td>
</tr>
<tr>
<td>CHE 1103</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHE 1121</td>
<td>General Chemistry I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHE 1113</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHE 1131</td>
<td>General Chemistry II Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>COM 1053</td>
<td>Business and Professional Speech</td>
<td>3</td>
</tr>
<tr>
<td>or COM 2113</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
</tbody>
</table>
MAT 1073  Algebra for Scientists and Engineers  3  
PHY 1603  Algebra-based Physics I  4  
& PHY 1611  and Algebra-based Physics I Laboratory  4  
PHY 1623  Algebra-based Physics II  4  
& PHY 1631  and Algebra-based Physics II Laboratory  4  
PSY 1013  Introduction to Psychology  3  
SOC 1013  Introduction to Sociology  3  
STA 1053  Basic Statistics  3  

### C. Electives

All candidates for this degree must complete enough hours of electives to meet the 120 hour minimum for the degree, including a sufficient number of electives at the upper-division level to meet the UTSA minimum of 39 upper-division hours.

KIN 4936  Internship in Kinesiology  6  
KIN 4933  Practicum in Kinesiology Research  3  

Total Credit Hours  96

### B.S. in Kinesiology, Kinesiology and Health Science Concentration – Recommended Four-Year Academic Plan

#### First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 1203  Academic Inquiry and Scholarship (core)</td>
<td>3</td>
</tr>
<tr>
<td>KIN 2303  Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>MAT 1073  Algebra for Scientists and Engineers</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1013  Introduction to Psychology (core and major)</td>
<td>3</td>
</tr>
<tr>
<td>WRC 1013  Freshman Composition I (core)</td>
<td>3</td>
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</table>

**Credit Hours**  15

<table>
<thead>
<tr>
<th>Spring</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BIO 1404  Biosciences I (core and major)</td>
<td>4</td>
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<tr>
<td>CHE 1103  General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 1121  General Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>SOC 1013  Introduction to Sociology (core and major)</td>
<td>3</td>
</tr>
<tr>
<td>WRC 1023  Freshman Composition II (core)</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
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**Credit Hours**  16

#### Second Year

<table>
<thead>
<tr>
<th>Fall</th>
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<tbody>
<tr>
<td>BIO 1414  Biosciences II (core and major)</td>
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<tr>
<td>CHE 1113  General Chemistry II</td>
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</tr>
<tr>
<td>CHE 1131  General Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>KIN 2141  Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>PHY 1603  Algebra-based Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PHY 1611  Algebra-based Physics I Laboratory</td>
<td>1</td>
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<td>University core course</td>
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**Credit Hours**  16

<table>
<thead>
<tr>
<th>Spring</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIO 2053  Human Anatomy and Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>BIO 2051  Human Anatomy and Physiology Laboratory I</td>
<td>1</td>
</tr>
<tr>
<td>PHY 1623  Algebra-based Physics II</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4936  Internship in Kinesiology</td>
<td>6</td>
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<tr>
<td>University core course</td>
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**Credit Hours**  12

#### Third Year

<table>
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<th>Fall</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIO 2063  Human Anatomy and Physiology II</td>
<td>3</td>
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<tr>
<td>BIO 2061  Human Anatomy and Physiology Laboratory II</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3071  Musculoskeletal Fitness Instruction</td>
<td>1</td>
</tr>
<tr>
<td>KIN 3303  Care and Prevention of Athletic Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3433  Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3463  Musculoskeletal Anatomy</td>
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**Credit Hours**  14

<table>
<thead>
<tr>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>KIN 3323  Biomechanics</td>
<td>3</td>
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<tr>
<td>KIN 4143  Evaluation of Athletic Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4253  Exercise Nutrition</td>
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<tr>
<td>University core course</td>
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**Credit Hours**  15

#### Fourth Year

<table>
<thead>
<tr>
<th>Fall</th>
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</thead>
<tbody>
<tr>
<td>COM 1053 or COM 2113  Business and Professional Speech or Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3453  Exercise Prescription</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4043  Therapeutic Modalities</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4243  Musculoskeletal Rehabilitation</td>
<td>3</td>
</tr>
<tr>
<td>University core course</td>
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</tbody>
</table>

**Credit Hours**  15

<table>
<thead>
<tr>
<th>Spring</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 4403  Motor Learning</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4936  Internship in Kinesiology</td>
<td>6</td>
</tr>
<tr>
<td>University core course</td>
<td>3</td>
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</tbody>
</table>

**Credit Hours**  12

**Total Credit Hours**  120

### Bachelor of Science Degree in Kinesiology (Physical Education Concentration)

This program provides students with the opportunity to pursue a Bachelor of Science (B.S.) degree in Kinesiology with a concentration in Physical Education. The physical education concentration provides students the academic and professional experience as required by the State Board for Educator Certification. To be certified as a teacher by the State of Texas, a student must complete his or her coursework, have practical teaching experience (student teaching), and pass the Texas Examinations of Educator Standards (TExES). The graduate of this program will then be certified to teach physical education in grades pre-kindergarten - 12. Prior to starting the practical teaching experience, a student must be accepted into the Teacher Certification Program. The

...
requirements for acceptance into the Teacher Certification Program include a 2.75 cumulative grade point average. Please refer to the section on Teacher Certification Program in the catalog for more information. All kinesiology degree core and support work must be completed with a grade of "C-" or better.

Academic advising for students seeking the Kinesiology degree is available in the Interdisciplinary Education Advising Center.

The minimum number of semester credit hours for this degree, including the Core Curriculum requirements, is 120, of which at least 39 must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.S. degree in Kinesiology with a concentration in Physical Education must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements. If courses are taken to satisfy both degree requirements and Core Curriculum requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

STA 1053 or MAT 1023 should be used to satisfy the core requirement in Mathematics. BIO 1233 should be used to satisfy one of the core requirements in Life and Physical Sciences. SOC 1013 is recommended to satisfy the core requirement in Social and Behavioral Sciences.

For a complete listing of courses that satisfy the Core Curriculum requirements, see Core Curriculum Component Area Requirements above.

Gateway Courses

Students pursuing the B.S. degree in Kinesiology must successfully complete each of the following Gateway Courses with a grade of "C-" or better in no more than two attempts. A student who is unable to successfully complete these courses within two attempts, including dropping a course with a grade of "W" or taking an equivalent course at another institution, will be required to change his or her major.

KIN 2303  Foundations of Kinesiology
KIN 3313  Anatomy and Physiology for Kinesiology

Degree Requirements

<table>
<thead>
<tr>
<th>A. Required KIN courses</th>
<th>27</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 2303  Foundations of Kinesiology</td>
<td></td>
</tr>
<tr>
<td>KIN 3103  Motor Development</td>
<td></td>
</tr>
<tr>
<td>KIN 3313  Anatomy and Physiology for Kinesiology</td>
<td></td>
</tr>
<tr>
<td>KIN 3323  Biomechanics</td>
<td></td>
</tr>
<tr>
<td>KIN 3413  Instruction of Sports Activities and Games</td>
<td></td>
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<tr>
<td>KIN 3433  Exercise Physiology</td>
<td></td>
</tr>
<tr>
<td>KIN 4113  Evaluation</td>
<td></td>
</tr>
<tr>
<td>KIN 4343  Fundamental Motor Skills</td>
<td></td>
</tr>
<tr>
<td>KIN 4423  Developmental/Adapted Physical Activity</td>
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<table>
<thead>
<tr>
<th>B. Support courses</th>
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<tbody>
<tr>
<td>BIO 1233  Contemporary Biology I</td>
<td></td>
</tr>
<tr>
<td>STA 1053  Basic Statistics</td>
<td></td>
</tr>
<tr>
<td>or MAT 1023  College Algebra with Applications</td>
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<table>
<thead>
<tr>
<th>C. Second Teaching Field or Coaching Certificate</th>
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<tbody>
<tr>
<td>IDS 2013  Introduction to Learning and Teaching in a Culturally Diverse Society</td>
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</tr>
<tr>
<td>EDU 2103  Social Foundations for Education in a Diverse U.S. Society</td>
<td></td>
</tr>
<tr>
<td>EDP 3203  Learning and Development in the Secondary School Adolescent</td>
<td></td>
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<tr>
<td>BBL 3403  Cultural and Linguistic Equity for Schooling</td>
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<tr>
<td>SPE 3603  Introduction to Special Education</td>
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<tr>
<td>LTED 3773  Reading and Writing Across the Disciplines-Grades 7-12 1</td>
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<th>D. Teaching Certificate courses</th>
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<tbody>
<tr>
<td>ESL 3073  Second Language Teaching and Learning for Grades 4-8</td>
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<tr>
<td>CI 4273  Methods of Teaching Content in the Elementary School-Physical Education 1</td>
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<tr>
<td>CI 4313  Methods of Teaching Content in the Secondary School-Physical Education 1</td>
<td></td>
</tr>
<tr>
<td>CI 4713  Clinical Teaching: All Level EC-12 (Repeat for 6 semester credit hours) 1</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 84

1 These courses require an advisor code and are restricted to students who have applied and been accepted into the Teacher Certification Program.

All the courses listed for the Physical Education Concentration (84 hours) are required for teacher certification in physical education. Only the courses marked with an asterisk are restricted and require an advisor code and acceptance into the Teacher Certification Program. Advisor codes for these classes will be issued only if all prerequisites have been completed.

B.S. in Kinesiology, Physical Education Concentration – Recommended Four-Year Academic Plan

<table>
<thead>
<tr>
<th>First Year</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>Credit Hours</strong></td>
</tr>
<tr>
<td>AIS 1203  Academic Inquiry and Scholarship (core)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 1043  United States History: Pre-Columbus to Civil War Era (core)</td>
<td>3</td>
</tr>
<tr>
<td>KIN 2303  Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>POL 1013  Introduction to American Politics (core)</td>
<td>3</td>
</tr>
<tr>
<td>WRC 1013  Freshman Composition I (core)</td>
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<tr>
<td><strong>Credit Hours</strong></td>
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<table>
<thead>
<tr>
<th><strong>Spring</strong></th>
<th><strong>Credit Hours</strong></th>
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<tbody>
<tr>
<td>BIO 1233  Contemporary Biology I (core and major)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 1053  United States History: Civil War Era to Present (core) or Texas History</td>
<td>3</td>
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<tr>
<td>IDS 2013  Introduction to Learning and Teaching in a Culturally Diverse Society</td>
<td>3</td>
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### First Year

<table>
<thead>
<tr>
<th>Semester</th>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Summer</td>
<td>POL 1133</td>
<td>Texas Politics and Society (core) or Civil Rights in Texas and America</td>
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<tr>
<td></td>
<td>or POL 1213</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>WRC 1023</td>
<td>Freshman Composition II (core)</td>
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### Second Year

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>Fall</td>
<td>KIN 3103</td>
<td>Motor Development</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>KIN 3313</td>
<td>Anatomy and Physiology for Kinesiology</td>
<td>3</td>
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<tr>
<td></td>
<td>EDU 2103</td>
<td>Social Foundations for Education in a Diverse U.S. Society</td>
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<tr>
<td></td>
<td>SOC 1013</td>
<td>Introduction to Sociology (core)</td>
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</tr>
<tr>
<td></td>
<td>STA 1053</td>
<td>Basic Statistics (core and major) or College Algebra with Applications</td>
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### Third Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>Fall</td>
<td>BBL 3403</td>
<td>Cultural and Linguistic Equity for Schooling</td>
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<tr>
<td></td>
<td>CI 4313</td>
<td>Methods of Teaching Content in the Secondary School-Physical Education</td>
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<tr>
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<td>KIN 4343</td>
<td>Fundamental Motor Skills</td>
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<tr>
<td></td>
<td>SPE 3603</td>
<td>Introduction to Special Education</td>
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### Fourth Year

<table>
<thead>
<tr>
<th>Semester</th>
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<tr>
<td>Fall</td>
<td>KIN 3433</td>
<td>Exercise Physiology</td>
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<tr>
<td></td>
<td>CI 4713</td>
<td>Clinical Teaching: All Level EC-12</td>
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<td>Second Teaching Field</td>
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### Summer

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<tr>
<th>Semester</th>
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<tbody>
<tr>
<td></td>
<td>University core course</td>
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### Certificate in Athletic Coaching

All students pursuing a Certificate in Athletic Coaching must complete the following 15 semester credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>KIN 3013</td>
<td>Theory of Coaching</td>
<td>3</td>
</tr>
<tr>
<td>KIN 3113</td>
<td>Scientific Principles of Physical Activity</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4123</td>
<td>Introduction to Sport Psychology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4413</td>
<td>Coaching Athletics</td>
<td>3</td>
</tr>
<tr>
<td>KIN 4943</td>
<td>Athletic Coaching Practicum</td>
<td>3</td>
</tr>
</tbody>
</table>

### Total Credit Hours

- **First Year:** 15 Credit Hours
- **Second Year:** 15 Credit Hours
- **Third Year:** 15 Credit Hours
- **Fourth Year:** 9 Credit Hours
- **Summer:** 9 Credit Hours
- **Certificate in Athletic Coaching:** 15 Credit Hours
- **Total Credit Hours:** 120 Credit Hours

### Kinesiology (KIN) Courses

**KIN 1001. Individual Physical Activities.** (0-3) **1 Credit Hour.**
Practice in the techniques of individual physical activities. Sections focus on particular sports or fitness activities as indicated in the Schedule of Classes. May be repeated for credit, but not more than 6 semester credit hours of KIN 1001 alone or in combination with KIN 1101 will apply to a bachelor’s degree. Generally offered: Fall, Spring, Summer. Course Fees: LRHC $10; PAG1 $20; STHC $6.

**KIN 1013. Freshman Topics in Kinesiology.** (3-0) **3 Credit Hours.**
This course is designed to help students acquire the tools and life skills necessary to succeed in college and the future. The curriculum is an overview of topics including: note and test taking, learning styles, concentration skills, stress management, communication, diversity, and how to choose a major and a career. The student will be oriented with the different aspects of Roadrunners for Life, UTSA’s version of the NCAA CHAMPS/Life Skills Program. A maximum of 3 semester credit hours of freshman topics courses may apply to a bachelor’s degree. Generally offered: Fall, Summer. Course Fees: LRHC $10; PAG1 $20; STHC $6.

**KIN 1101. Team Sports.** (0-3) **1 Credit Hour.**
Practice in the techniques of team sports. Sections focus on particular sports as indicated in the Schedule of Classes. May be repeated for credit, but not more than 6 semester credit hours of KIN 1101 alone or in combination with KIN 1001 will apply to a bachelor’s degree. Generally offered Fall, Spring. Course Fees: LRHC $10; PAG1 $20; STHC $6.
KIN 2003. Computer Applications in Kinesiology and Health. (3-0) 3 Credit Hours.
Prerequisite: KIN 2303 or HTH 2413. Application of computer and multimedia technology in Kinesiology and Health disciplines. Generally offered: Fall, Spring. Summer. Course Fees: LRHC $10; STHC $18.

KIN 2111. Lifetime Fitness Activity Instruction. (1-2) 1 Credit Hour.
Practice in delivering instructions in lifetime fitness activities for adults. These activities include cycling, hiking, jogging, golf, badminton and tennis. Course Fees: LRH1 $10; PAG1 $20; STSH $5.

KIN 2123. Fitness and Wellness Concepts. (3-0) 3 Credit Hours. (TCCN = KINE 1338)
Prerequisite: KIN 2303 or consent of instructor. This course is designed to provide students with developmentally appropriate knowledge and skills in health and fitness. The course will address health-related issues in personal, interpersonal, and community settings. An individual fitness requirement may be required. Generally offered Fall, Spring. Course Fees: DL01 $75; LRHC $10; PAG1 $20; STHC $18.

KIN 2141. Medical Terminology. (1-1) 1 Credit Hour.
Prerequisites: KIN 2303 and admission to the Athletic Training concentration or Kinesiology and Health Science concentration. This course examines the word roots, prefixes, suffixes and terms used in medicine and clinical exercise. A major focus will be on the terms used in the major organ systems of the body, diseases, injuries, and medical treatments. Course Fees: DL01 $75; LRHC $10; STHC $6.

KIN 2211. First Aid and CPR. (1-2) 1 Credit Hour.
A study of basic first aid procedures, cardiopulmonary resuscitation (CPR), automated external defibrillation (AED), and blood borne pathogens. Upon successful completion of this course students will be able to sit for national certification in first aid and CPR. (Formerly KIN 3213. Credit cannot be earned for both KIN 2211 and KIN 3213.) Course Fees: KSM1 $10; LRHC $10; STHC $6.

KIN 2303. Foundations of Kinesiology. (3-0) 3 Credit Hours. (TCCN = KINE 1301)
Study of the history and philosophy of physical activity, and an introduction to anatomy, physiology, biomechanics, motor behavior, and psychology of exercise and sport. This course will also introduce careers in kinesiology and the requirements for graduation with a degree in kinesiology. (Formerly titled "Cultural and Scientific Foundations of Kinesiology") Generally offered: Fall, Spring, Summer. Course Fees: LRHC $10; STHC $6.

KIN 2421. Outdoor Activities and Innovative Games. (1-2) 1 Credit Hour.
Prerequisite: KIN 2303. Practice in delivering instructions of selected outdoor activities (hiking, orienteering, biking) and innovative games for all age groups. Weekend class field trips required. Laboratory fee will be assessed. (Formerly titled "Outdoor Activities and Lifetime Sports.") Generally offered: Fall, Spring. Course Fees: LRHC $10; PARC $40; STHC $6.

KIN 2441. Management in Kinesiology. (1-0) 1 Credit Hour.
Prerequisite: KIN 2303. Introduction to concepts and skills that will prepare the student to become an effective leader of physical fitness. (Formerly KIN 2423. Credit cannot be earned for both KIN 2423 and KIN 2441.) Course Fees: DL01 $25; LRHC $10; STHC $6.

KIN 3001. Skill Analysis in Physical Activity: Individual Activities. (1-2) 1 Credit Hour.
Practice in delivering developmentally appropriate physical activity instruction in a variety of selected individual activities such as golf, bowling, archery, and track and field. Generally offered Fall, Spring. Course Fees: LRHC $10; PAG1 $20; STHC $6.

KIN 3011. Skill Analysis in Physical Activity: Team Sports I. (1-2) 1 Credit Hour.
Practice in delivering developmentally appropriate physical activity instruction in a variety of selected team sports, such as basketball, soccer, and baseball/softball. Generally offered: Fall. Course Fees: LRHC $10; PAG1 $20; STHC $6.

KIN 3013. Theory of Coaching. (3-0) 3 Credit Hours.
This course will discuss the principles and philosophies of coaching sports. Domains will remain consistent with that of the National Standards for Sport Coaches and will focus on philosophy and ethics, safety and injury prevention, physical conditioning, growth and development, teaching and communication, sport skills and tactics, organization and administration, and evaluation. Generally offered Fall, Spring. Course Fees: LRHC $10; STHC $18.

KIN 3021. Skill Analysis in Physical Activity: Team Sports II. (1-2) 1 Credit Hour.
Practice in delivering developmentally appropriate physical activity instruction in a variety of selected team sports, such as football, volleyball, and team handball. Generally offered: Fall, Spring. Course Fees: LRHC $10; PAG1 $20; STHC $6.

KIN 3031. Skill Analysis in Physical Activity: Dual Sports. (1-2) 1 Credit Hour.
Practice in delivering developmentally appropriate physical activity instruction in a variety of selected dual sports, such as badminton, tennis and handball. Generally offered: Fall, Spring. Course Fees: LRHC $10; PAG1 $20; STHC $6.

KIN 3051. Group Fitness Instruction. (1-2) 1 Credit Hour.
Prerequisite: KIN 2303 or consent of instructor. Practice in delivering a variety of appropriate aerobic, musculoskeletal fitness, and wellness activities for children and adults. (Formerly titled "Aerobic Fitness Instruction.") Generally offered: Fall, Spring, Summer. Course Fees: LRHC $10; PAG1 $20; STHC $6.

KIN 3061. Foundational Movement. (1-2) 1 Credit Hour.
Provide instruction in facilitating the foundational movement skills which provide the basis for all movement capacities and their application in specialized activities geared to the early childhood through adolescent stages. (Formerly titled "Rhythmic Activities and Dance.") Generally offered: Fall, Spring. Course Fees: LRHC $10; PAG1 $20; STHC $6.

KIN 3071. Musculoskeletal Fitness Instruction. (1-2) 1 Credit Hour.
Prerequisite: KIN 3313 or BIO 2053. Instructional techniques applied to health related fitness using resistance training, balance, flexibility, and musculoskeletal conditioning activities. Generally offered: Fall, Spring. Course Fees: LRHC $10; PAG1 $20; STHC $6.

KIN 3103. Motor Development. (3-0) 3 Credit Hours.
A study of motor, physical, and neuromuscular development across the human life span. Effects of social, cognitive, growth and maturation, and aging factors on motor development will be addressed. Directed field experience may be required. Generally offered: Fall, Spring. Course Fees: LRHC $10; STFK $57; STHC $18.

KIN 3113. Scientific Principles of Physical Activity. (3-1) 3 Credit Hours.
A study of the physiological and biomechanical principles of physical activity and human movement. Emphasis is placed on acute responses and chronic adaptations of the musculoskeletal and cardiorespiratory systems to physical activity. Generally offered: Fall, Spring. Course Fees: DL01 $75; KSM1 $10; LRHC $10; STHC $18.
KIN 3303. Care and Prevention of Athletic Injuries. (3-0) 3 Credit Hours. 
Prerequisite: KIN 3313 or BIO 2053. Prevention and care of athletic injuries. A study of training and conditioning for the team and individual. Techniques and procedures for emergencies: diagnostic, preventive, and remedial measures. Organization of the training room facility. Directed field experience may be required. (Formerly titled "Athletic Injuries and Training Procedures") Generally offered: Fall, Spring, Summer. Course Fees: KSM1 $10; LRHC $10; STHC $18.

KIN 3313. Anatomy and Physiology for Kinesiology. (3-1) 3 Credit Hours. 
Prerequisite: KIN 2303 or HTH 2413. A detailed study of anatomy and physiology of the human cardiorespiratory, musculoskeletal and nervous systems. Emphasis will be placed on the anatomical factors that cause human movement and application to common exercise-related injuries. 
Anatomy laboratory hours may be required. Generally offered: Fall, Spring, Summer. Course Fees: KSM1 $10; LRHC $10; STHC $6.

KIN 3321. Biomechanics Laboratory. (1-1) 1 Credit Hour. 
Prerequisite: KIN 3313 or BIO 2053 and concurrent enrollment in KIN 3323. Quantitative and qualitative evaluation of human movement through analysis of video and biomechanical data. Application of Biomechanics to sports performance enhancement and injury prevention. 
This lab will complement the content covered in KIN 3323. Course Fees: KSM1 $10; LRHC $10; STHC $6.

KIN 3322. Biomechanics. (3-0) 3 Credit Hours. 
Prerequisite: KIN 3313 or BIO 2053. The study of the human body in sports motion and sport objects in motion. The application of mechanical principles, kinematics, and kinetics. Biomechanics laboratory hours are required. Generally offered: Fall, Spring, Summer. Course Fees: LRHC $10; STHC $6.

KIN 3413. Instruction of Sports Activities and Games. (3-0) 3 Credit Hours. 
Development, organization, and delivery of appropriate physical activities for children through the adolescent stage. Some fieldwork observation experiences may be required. Generally offered: Fall, Spring. Course Fees: LRHC $10; STHC $18.

KIN 3431. Exercise Physiology Laboratory. (1-1) 1 Credit Hour. 
Prerequisite: KIN 3313 or equivalent (BIO 2053 and BIO 2063) and concurrent enrollment in KIN 3433. Laboratory exercises demonstrating principles of exercise physiology. Topics include metabolic, cardiorespiratory, and neuromuscular responses to physical activity and exercise. Course Fees: KSM1 $10; LRHC $10; STHC $6.

KIN 3433. Exercise Physiology. (3-0) 3 Credit Hours. 
Prerequisite: KIN 3313 or equivalent (BIO 2053 and BIO 2063). A study of the adaptation and effects of the body to physiological stress. Emphasis will be placed on the physiology of training, metabolism and work capacity, and electrocardiography. Generally offered: Fall, Spring, Summer. Course Fees: LRHC $10; STHC $18.

KIN 3441. Health Related Fitness Assessment Laboratory. (0-2) 1 Credit Hour. 
Prerequisite: KIN 3433 and concurrent enrollment in KIN 3443. This course includes laboratory and clinical measurements of aerobic capacity, balance, body composition, electrocardiography, flexibility, muscular endurance, muscular strength, and pulmonary function. 
Students are required to demonstrate competence in administering health related physical fitness. (Formerly titled "Graded Exercise Testing and Fitness Assessment Laboratory") Course Fees: KSM1 $10; LRHC $10; STHC $6.

KIN 3443. Health Related Fitness Assessment. (3-0) 3 Credit Hours. 
Prerequisites: KIN 3433 and concurrent enrollment in KIN 3441. A study of the principles and concepts of fitness measurement. Topics include graded exercise testing, electrocardiography, assessment of aerobic capacity, body composition, flexibility, muscular strength, muscular endurance, and pulmonary function. (Formerly titled "Graded Exercise Testing and Fitness Assessment") Generally offered: Fall, Spring. Course Fees: LRHC $10; STHC $18.

KIN 3453. Exercise Prescription. (3-1) 3 Credit Hours. 
Prerequisites: KIN 3071 and KIN 3433. A study and application of principles and concepts related to designing exercise programs. The target population includes apparently healthy adults and individuals with special considerations, including cardiovascular disease, pulmonary disease, obesity, diabetes, pregnancy, and children. Generally offered: Fall, Spring. Course Fees: KSM1 $10; LRHC $10; STHC $18.

KIN 3463. Musculoskeletal Anatomy. (3-1) 3 Credit Hours. 
Prerequisite: KIN 3313 or BIO 2053. A detailed examination of the nervous, muscular, and skeletal systems. This course focuses on bones, bone markings, articulations, origins, insertions, actions, and innervations of these systems. The etiology and pathophysiology of common sport and exercise related injuries to the musculoskeleton will be introduced. 
Laboratory examination of the skeletal system may be required. Course Fees: LRHC $10; STHC $18.

KIN 4023. Exercise Psychology. (3-0) 3 Credit Hours. 
Prerequisite: KIN 2303. An investigation of psychological processes and behaviors related to participation in exercise and physical activities. Psychological effects of exercise, motives for fitness, exercise adherence, and fitness counseling. Generally offered: Fall, Spring, Summer. Course Fees: LRHC $10; STHC $18.

KIN 4043. Therapeutic Modalities. (3-0) 3 Credit Hours. 
Prerequisites: KIN 3303, KIN 3463, KIN 4143, and admission to the Athletic Training concentration or Kinesiology and Health Science concentration. This course is designed to introduce students to a variety of therapeutic modalities currently used in clinical rehabilitation. Students will learn the theoretical basis and application procedures for a variety of modalities including therapeutic heat and cold, electrotherapy, therapeutic massage, ultrasound, and laser/light therapy. Generally offered: Fall, Spring. Course Fees: KSM1 $10; LRHC $10; STHC $18.

KIN 4113. Evaluation. (3-0) 3 Credit Hours. 
Application of test, measurement, and evaluation theory. Emphasis is on proper selection and administration of tests, appropriate evaluation of test results using basic statistical procedures, and assignment of grades. Field experience required. Generally offered: Fall, Spring. Course Fees: DL01 $75; LRHC $10; PAG1 $20; STHC $18.

KIN 4123. Introduction to Sport Psychology. (3-0) 3 Credit Hours. 
Prerequisite: KIN 2303. This course involves an in-depth study of the psychological factors that underlie and support human behavior and performance, particularly as it relates to sports. This course introduces contemporary and practical theories regarding mental processes and applicable uses for this information. (Formerly titled "Psychosocial Aspects of Exercise and Sport") Generally offered: Fall, Spring. Course Fees: DL01 $75; LRHC $10; STHC $18.
KIN 4143. Evaluation of Athletic Injuries. (3-0) 3 Credit Hours.
Prerequisites: KIN 3303 and KIN 3463, and admission to the Athletic Training concentration or Kinesiology and Health Science concentration. This course deals in depth with issues related to athletic training, including assessment of injuries, and proper taping and wrapping techniques. (Formerly titled “Advanced Athletic Training.”) Generally offered: Fall, Spring, Summer. Course Fees: KSM1 $10; LRHC $10; STHC $18.

KIN 4203. Teaching Secondary Physical Education. (3-1) 3 Credit Hours.
Prerequisites: KIN 4343, KIN 4423, and admission to the Teacher Certification Program. Examination of current trends, issues, and pedagogical approaches to the teaching and learning of physical education in the secondary school curriculum. Contemporary programming, behavior management strategies, and community outreach activities will be emphasized. Weekly fieldwork in the public schools at the secondary school level is required. Restricted course; advisor code required for registration. Generally offered: Fall, Spring. Course Fees: DL01 $75; LRHC $10; STHC $18.

KIN 4233. Advanced Exercise Physiology. (3-1) 3 Credit Hours.
Prerequisite: KIN 3433 and a UTSA GPA of 3.0 or higher. In-depth study of exercise physiology, emphasizing application of physiological principles of training for physical fitness and sport performance, graded exercise testing, and professional issues. This course includes introduction to research in exercise physiology. Course Fees: KSM1 $10; LRHC $10; STHC $18.

KIN 4243. Musculoskeletal Rehabilitation. (3-1) 3 Credit Hours.
Prerequisites: KIN 3303, KIN 3463, KIN 4143, and admission to the Athletic Training concentration or Kinesiology and Health Science concentration. This course examines various therapeutic exercises and programs used in the treatment and rehabilitation of exercise-related injuries. Generally offered: Fall, Spring, Summer. Course Fees: KSM1 $10; LRHC $10; STHC $18.

KIN 4253. Exercise Nutrition. (3-0) 3 Credit Hours.
Prerequisite: KIN 3433. This course will address the basic concepts of nutrition from a scientific basis, applying these concepts to understanding of food nutritional labeling, dietary recommendations for health and fitness, as well as exercise or sport performance enhancement. Generally offered: Fall, Spring, Summer. Course Fees: KSM1 $10; LRHC $10; STHC $18.

KIN 4263. Clinical Exercise Physiology. (3-1) 3 Credit Hours.
Prerequisites: KIN 3441, KIN 3443, and KIN 3453. This course will examine the essential knowledge, skills, and abilities necessary for exercise physiology practiced in clinical settings. Topics will include diseases of the cardiovascular, pulmonary, and metabolic systems. Skills in administering graded exercise testing with ECG monitoring, pulmonary function testing, and screening for metabolic disease will be emphasized in laboratory settings. Additionally, exercise prescription and programming will be studied for persons with chronic disease. Course Fees: KSM1 $10; LRHC $10; STHC $18.

KIN 4303. Teaching Elementary Physical Education. (3-1) 3 Credit Hours.
Prerequisites: KIN 4343, KIN 4423, and admission to the Teacher Certification Program. Examination of current trends, issues, and pedagogical approaches to teaching and facilitating learning of physical education in the elementary school curriculum. Contemporary programming, problem solving, and community outreach activities will be emphasized. Weekly fieldwork in the public schools at the elementary school level is required. Restricted course; advisor code required for registration. (Same as CI 4273. Credit cannot be earned for both KIN 4303 and CI 4273.) Generally offered: Fall, Spring. Course Fees: DL01 $75; LRHC $10; STHC $18.

KIN 4343. Fundamental Motor Skills. (3-0) 3 Credit Hours.
Prerequisite: KIN 3413. Provide instruction in facilitating motor skills, which provide the basis for all movement capacities and their application in specialized activities geared to the early childhood through adolescent stages. Generally offered: Fall, Spring. Course Fees: LRHC $10; PAG1 $20; STHC $18.

KIN 4401. Motor Learning Laboratory. (1-1) 1 Credit Hour.
Prerequisite: KIN 3313 or BIO 2053 and concurrent enrollment in KIN 4403. Laboratory exercises demonstrating the principles of motor learning and motor control. This lab will complement KIN 4403. Course Fees: KSM1 $10; LRHC $10; STHC $6.

KIN 4403. Motor Learning. (3-0) 3 Credit Hours.
Prerequisite: KIN 3313 or BIO 2053. Functional applications of motor control and learning theory in skill instruction and sports performance. Motor learning laboratory hours are required. Generally offered: Fall, Spring, Summer. Course Fees: DL01 $75; LRHC $10; STHC $18.

KIN 4413. Coaching Athletics. (2-2) 3 Credit Hours.
Theory of coaching relevant to athletics. Emphasis on organization and content involved in coaching sports. The sport content may vary in different semesters between baseball, basketball, football, soccer, softball, and volleyball. Course may be repeated for credit. Generally offered: Fall, Spring. Course Fees: LRHC $10; PAG1 $20; STHC $18.

KIN 4423. Developmental/Adapted Physical Activity. (3-1) 3 Credit Hours.
Prerequisites: KIN 3103 or consent of instructor. A developmental and functional approach to the study of disabilities in physical activity. Legislation, pathologies, and adaptation principles. Field experience is required throughout the course. Generally offered: Fall, Spring. Course Fees: DL01 $75; LRHC $10; PAG1 $20; STHC $18.

KIN 4911. Independent Study. (0-0) 1 Credit Hour.
Prerequisites: Permission in writing (form available) from the instructor, the student’s advisor, the Department Chair, and the Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor’s degree. Course Fee: STHC $6.

KIN 4912. Independent Study. (0-0) 2 Credit Hours.
Prerequisites: Permission in writing (form available) from the instructor, the student’s advisor, the Department Chair, and the Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor’s degree. Course Fee: STHC $12.
KIN 4913. Independent Study. (0-0) 3 Credit Hours.
Prerequisites: Permission in writing (form available) from the instructor, the student’s advisor, the Department Chair, and the Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor’s degree. Generally offered: Fall, Spring. Course Fee: STHC $18.

KIN 4931. Clinical Applications of Athletic Injuries. (1-2) 1 Credit Hour.
Prerequisites: Consent of instructor and admission to the Athletic Training concentration. This course provides practical applications in prevention, diagnosis, treatment, and rehabilitation of athletic injuries, and includes a minimum of 150 hours of supervised field and clinical experiences in athletic training. May be repeated for credit for a maximum of 6 semester credit hours. Course Fees: LRHC $10; STFK $57; STHC $6.

KIN 4933. Practicum in Kinesiology Research. (0-0) 3 Credit Hours.
Prerequisites: Admission to Kinesiology major and consent of Instructor. This course provides supervised research experience in various areas of kinesiology. May be repeated for credit, but not more than 6 semester credit hours will apply to a bachelor’s degree. The 6 semester credit hours of this course can be used to substitute for KIN 4936. (Credit cannot be earned for both KIN 4936 and KIN 4933.) Generally offered: Fall, Spring, Summer. Course Fees: LRHC $10; STHC $18.

KIN 4936. Internship in Kinesiology. (0-0) 6 Credit Hours.
Prerequisites: Student is required to have a cumulative grade point average of 2.5 or greater and must be within 13 semester credit hours of graduation (including the 6 hours of the internship), and attend the mandatory new candidate meeting the semester prior to completing the internship to register for this course. Supervised internship with appropriate agency in the field of kinesiology. Student must complete this course during the last semester before graduation. No more than 6 semester credit hours of internship will apply to a bachelor’s degree. (Credit cannot be earned for both KIN 4936 and HTH 4936.) Generally offered: Fall, Spring, Summer. Course Fees: STFK $57; STHC $36.

KIN 4943. Athletic Coaching Practicum. (0-0) 3 Credit Hours.
Prerequisites: First Aid and CPR certification and consent of instructor. Supervised coaching practicum with appropriate agency in the field of kinesiology. May be repeated for credit for a maximum of 6 semester credit hours. (Formerly titled “Practicum in Kinesiology”) Generally offered: Spring. Course Fees: LRHC $10; STHC $18.

KIN 4953. Special Studies. (3-0) 3 Credit Hours.
Organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor’s degree. Course Fees: KSM1 $10; LRHC $10; STHC $18.

KIN 4973. Wellness Counseling. (3-0) 3 Credit Hours.
Prerequisites: KIN 3443 and KIN 4253. Students will learn and apply counseling techniques to promote the adoption of health-promoting lifestyle behaviors in diverse populations. Basic counseling theories will be introduced. Generally offered: Fall, Spring. Course Fees: LRHC $10; STHC $18.

KIN 4983. Applied Exercise Science. (3-1) 3 Credit Hours.
Prerequisites: KIN 3323, KIN 3433, KIN 3443, KIN 3453, and KIN 4253. Capstone course and seminar for students pursuing training and certification in exercise science, and preparation for graduate studies. Generally offered: Fall, Spring, Summer. Course Fees: KSM1 $10; LRHC $10; STHC $18.

KIN 4993. Honors Thesis. (0-0) 3 Credit Hours.
Prerequisites: Enrollment limited to candidates for honors in the Department of Health and Kinesiology during the last two semesters; consent of the Honors College. Supervised research and preparation of an honors thesis. May be repeated once for credit with advisor’s approval. Course Fee: STHC $18.