DEPARTMENT OF HEALTH AND KINESIOLOGY

The Department of Health and Kinesiology offers degrees in Health, Kinesiology, Sport Management and University Studies. Several tracks are offered for students who are interested in a career in these fields. All students majoring in the Department of Health and Kinesiology are assigned an advisor in accordance with their career choice.

The curricula in Health, Kinesiology, Sport Management and University Studies offer opportunities to obtain professional preparation for careers such as health and physical education teachers in public and private schools, coaches, sport administrators, community health educators, clinical and applied exercise physiologists, exercise scientists, recreational leaders (in non-school agencies), dance scientists, sports marketing professionals and athletic administrators. The department also provides academic preparation for students interested in allied health and medical related professional schools, e.g., physical therapy, occupational therapy, physicians’ assistant or medicine.

The Department of Health and Kinesiology offers minors in coaching, dance and sport management. The coaching and dance minors consist of 18 credit hours. The sport management minor is 15 credit hours. A list of courses and enrollment information regarding the minor may be obtained from the Advising Office in the Department of Health and Kinesiology.

In addition to undergraduate degrees, the department offers the Master of Education, Master of Science, Doctor of Education and Doctor of Philosophy degrees.

Teacher Certification

Students majoring in either Health or Kinesiology may qualify for a Provisional Teaching Certificate after being admitted to teacher education, completing the prescribed requirements, and being recommended by the department to the Texas Education Agency through the University’s Council for Teacher Education. Completion of this degree and other academic requirements does not automatically assure that the student will be recommended for a teaching certificate. Students interested in Texas certification for a teaching career must apply for, and be admitted to, the professional phase of teacher education. Students should see an academic advisor for specific requirements and courses to be admitted to professional phase.

Non-Teacher Certification Tracks

Students may seek a career other than public school teaching. The department offers opportunities in allied health, community health, dance science, exercise science, motor behavior and sport management. Students are encouraged to declare career intentions early so that appropriate coursework and field experiences may be planned. Students pursuing careers other than teaching are not eligible for teacher certification. These opportunities are briefly summarized in the descriptions of each track.

Students interested in obtaining a degree must apply for, and be admitted to, the professional phase of a specific track (i.e., exercise science, sport management, community health, allied health or dance science). Students should see an academic advisor for specific requirements and courses to be admitted to the professional phase.

Departmental Advising

Because of the wide variety of careers in Health, Kinesiology and Sport Management and the difference in course requirements for each, it is essential for students to take advantage of the advising opportunities offered by the department. Students are assigned to an academic advisor in accordance with their degree choice. Students are encouraged to declare career intentions early so appropriate coursework may be planned. All undergraduate advising matters are handled by the advisors in the department’s Advising Office. Information concerning entrance to professional schools in health-related fields is available from the Office of Professional School Advising.

Students are encouraged to become involved in professional organizations and extracurricular activities that afford opportunities for becoming involved in their respective professions.

General Requirements for Admission to the Professional Phase

The curricula in the Department of Health and Kinesiology are composed of two phases: the pre-professional phase and the professional phase. Upon acceptance into the department, all students enter the pre-professional phase and are assigned a lower-division classification in Community Health (CHLL), Health (EDHL), Kinesiology (EDKI) or Sport Management (EDSM). The pre-professional phase consists of University Core Curriculum requirements and introductory courses to the major field of study. After successful completion of these requirements, students may be accepted into the professional phase and assigned an upper-level classification in Community Health, (CHLT), Health (HLTH), Kinesiology (KINE) or Sport Management (SPMT). The professional phase consists of advanced work in the major field of study and professional development courses. Students are not guaranteed automatic admission to the professional phase.

Faculty

Agnor, Dottiedee, Instructional Associate Professor Health & Kinesiology MS, Texas A&M University, 1992

Alvarez, Andrea, Instructional Assistant Professor Health & Kinesiology MFA, Case Western Reserve University, 2016

Apostolopoulos, Yiorgos, Associate Professor Health & Kinesiology PHD, University of Connecticut, 1994

Armstrong, Carisa L, Clinical Associate Professor Health & Kinesiology MFA, Case Western Reserve University, 2002

Baetge, Claire C, Clinical Assistant Professor Health & Kinesiology PHD, Texas A&M University, 2014

Baldwin, Janetta, Instructional Professor Health & Kinesiology MS, Texas A&M University, 1980

Baletka, Dawn M, Instructional Assistant Professor Health & Kinesiology PHD, Sam Houston State University, 2006
Ballard, Danny J, Adjunct Professor
Health & Kinesiology
PHD, Oklahoma State University, 1982

Ballouli, Khalid W, Adjunct Assistant Professor
Health & Kinesiology
PhD, Texas A&M University, 2011

Barry, Adam, Associate Professor
Health & Kinesiology
PHD, Texas A&M University, 2007

Batista, Paul J, Associate Professor
Health & Kinesiology
JD, Baylor University, 1976

Bedford, Diane C, Clinical Assistant Professor
Health & Kinesiology
MFA, The Florida State University, 2010

Bennett, Gregg R, Professor
Health & Kinesiology
PHD, Auburn University, 1997

Bergeron, Christine S, Clinical Professor
Health & Kinesiology
MFA, Florida State University, 1998

Berthot, Patricia A, Instructional Associate Professor
Health & Kinesiology
MED, Stephen F. Austin State University, 1990

Bloomfield, Susan A, Professor
Health & Kinesiology
PHD, Ohio State University, 1992

Bosquez, Janet M, Instructional Assistant Professor
Health & Kinesiology
MS, Texas A&M University, 1986

Boucher, Anthony M, Clinical Associate Professor
Health & Kinesiology
PHD, Texas Women's University, 2008

Breaux, Wade J, Instructional Assistant Professor
Health & Kinesiology
MS, Texas A&M University, 2002

Brekken, Kirstin L, Instructional Professor
Health & Kinesiology
MS, Texas A&M University, 1982

Brison, Natasha T, Assistant Professor
Health & Kinesiology
PHD, University of Georgia, 2015
JD, University of Georgia School of Law, 1998

Buchanan, John J, Professor
Health & Kinesiology
PHD, Florida Atlantic University, 1996

Campbell, August J, Instructional Assistant Professor
Health & Kinesiology
PHD, Texas State University, 2005

Campbell, Kelli R, Instructional Assistant Professor
Health & Kinesiology
BBA, Texas A&M University, 2000

Chapman, Denise D, Instructional Assistant Professor
Health & Kinesiology
MS, University of Central Missouri, 2000

Chen, Lei-Shih, Associate Professor
Health & Kinesiology
PHD, Texas A&M University, 2007

Clark, Heather R, Clinical Assistant Professor
Health & Kinesiology
PHD, Texas A&M University, 2014

Coady, William J, Instructional Associate Professor
Health & Kinesiology
MS, Texas A&M University, 1992

Crouse, Stephen F, Professor
Health & Kinesiology
PHD, The University of New Mexico, 1984

Cunningham, George B, Professor
Health & Kinesiology
PHD, The Ohio State University, 2002

Dannenbaum III, Joseph H, Instructional Associate Professor
Health & Kinesiology
MA1, Oklahoma State University, 2005

Darnell, Gayden S, Instructional Associate Professor
Health & Kinesiology
MS, Texas A&M University, 1997

Deutz, Nicolaas, Professor
Health & Kinesiology
MD, University of Amsterdam, 1988

Dixon, Marlene A, Professor
Health & Kinesiology
PHD, Ohio State University, 2002

Dixon, Mary O, Clinical Assistant Professor
Health & Kinesiology
PHD, Texas A&M University, 2011

Dixon, Stuart M, Instructional Associate Professor
Health & Kinesiology
MED, Concordia University Texas, 2009

Eliot, John F, Clinical Associate Professor
Health & Kinesiology
PHD, University of Virginia, 1998

Ellis, Robert B, Instructional Assistant Professor
Health & Kinesiology
BA1, Oklahoma State University, 1964

Engelen, Marielle P, Associate Professor
Health & Kinesiology
PHD, Maastricht University, Netherlands, 2000
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Institution</th>
<th>Year (Degree Name)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fehr, Sara K</td>
<td>Clinical Assistant Professor</td>
<td>Health &amp; Kinesiology</td>
<td>University of Cincinnati</td>
<td>2015 (PHD)</td>
</tr>
<tr>
<td>Fluckey, James D</td>
<td>Professor</td>
<td>Health &amp; Kinesiology</td>
<td>The Pennsylvania State University</td>
<td>1995 (PHD)</td>
</tr>
<tr>
<td>Gabbard, Carl P</td>
<td>Senior Professor</td>
<td>Health &amp; Kinesiology</td>
<td>North Texas State University</td>
<td>1977 (PHD)</td>
</tr>
<tr>
<td>Garney, Whitney R</td>
<td>Assistant Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2015 (PHD)</td>
</tr>
<tr>
<td>Gegg, Laura G</td>
<td>Instruction Associate Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2009 (MED)</td>
</tr>
<tr>
<td>Gilreath, Tamika D</td>
<td>Associate Professor</td>
<td>Health &amp; Kinesiology</td>
<td>The Pennsylvania State University</td>
<td>2007 (PHD)</td>
</tr>
<tr>
<td>Gomez, Daniel</td>
<td>Instructional Associate Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2010 (MED)</td>
</tr>
<tr>
<td>Gomez, Lorinda B</td>
<td>Instructional Associate Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2006 (MS)</td>
</tr>
<tr>
<td>Goodson, Patricia</td>
<td>Professor</td>
<td>Health &amp; Kinesiology</td>
<td>University of Texas</td>
<td>1996 (PHD)</td>
</tr>
<tr>
<td>Grant, Melinda L</td>
<td>Instructional Professor</td>
<td>Health &amp; Kinesiology</td>
<td>West Virginia University</td>
<td>1976 (MS)</td>
</tr>
<tr>
<td>Green, John S</td>
<td>Clinical Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>1996 (PHD)</td>
</tr>
<tr>
<td>Green, Lisa L</td>
<td>Adjunct Assistant Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas Women's University</td>
<td>2001 (PHD)</td>
</tr>
<tr>
<td>Greenwood, C Michael</td>
<td>Clinical Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas Women's University</td>
<td>1990 (PHD)</td>
</tr>
<tr>
<td>Greenwood, Lori</td>
<td>Clinical Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Oregon State University</td>
<td>1995 (PHD)</td>
</tr>
<tr>
<td>Guidry, Jeffrey J</td>
<td>Associate Professor</td>
<td>Health &amp; Kinesiology</td>
<td>University of Texas Health Science Center at Houston</td>
<td>1994 (PHD)</td>
</tr>
<tr>
<td>Guinn III, James R</td>
<td>Instructional Assistant Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Abilene Christian University</td>
<td>2012 (MA)</td>
</tr>
<tr>
<td>Gunnels, Emily E</td>
<td>Lecturer</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2005 (MS)</td>
</tr>
<tr>
<td>Hanik, Michael G</td>
<td>Instructional Assistant Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Northwestern State University of Louisiana</td>
<td>1996 (MS)</td>
</tr>
<tr>
<td>Harvey, Idethia S</td>
<td>Associate Professor</td>
<td>Health &amp; Kinesiology</td>
<td>University of Pittsburgh</td>
<td>2014 (PHD)</td>
</tr>
<tr>
<td>Henthorne, Mary B</td>
<td>Instructional Assistant Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2008 (MS)</td>
</tr>
<tr>
<td>Hourahan, Johanna E</td>
<td>Instructional Associate Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2008 (MED)</td>
</tr>
<tr>
<td>Hudson, Shane L</td>
<td>Clinical Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2007 (PHD)</td>
</tr>
<tr>
<td>Kalbasi, Shaida</td>
<td>Instructional Assistant Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2015 (PHD)</td>
</tr>
<tr>
<td>Keiper, Paul</td>
<td>Clinical Associate Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2002 (EDD)</td>
</tr>
<tr>
<td>Kennedy, Deanna M</td>
<td>Assistant Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>2015 (PHD)</td>
</tr>
<tr>
<td>Kirkham, Ernest P</td>
<td>Instructional Associate Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Texas A&amp;M University</td>
<td>1981 (PHD)</td>
</tr>
<tr>
<td>Kniffin, Daniel A</td>
<td>Instructional Professor</td>
<td>Health &amp; Kinesiology</td>
<td>The University of Texas</td>
<td>1987 (MED)</td>
</tr>
<tr>
<td>Kreider, Richard</td>
<td>Professor</td>
<td>Health &amp; Kinesiology</td>
<td>University of Southern Mississippi</td>
<td>1987 (PHD)</td>
</tr>
<tr>
<td>Lawler, John</td>
<td>Professor</td>
<td>Health &amp; Kinesiology</td>
<td>University of Florida</td>
<td>1991 (PHD)</td>
</tr>
<tr>
<td>Lemke, Michael K</td>
<td>Clinical Assistant Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Wichita State University</td>
<td>2013 (PHD)</td>
</tr>
<tr>
<td>Lieben, Cindy</td>
<td>Research Assistant Professor</td>
<td>Health &amp; Kinesiology</td>
<td>Maastricht University, Netherlands</td>
<td>2004 (PHD)</td>
</tr>
<tr>
<td>Lightfoot, John</td>
<td>Professor</td>
<td>Health &amp; Kinesiology</td>
<td>University of Tennessee</td>
<td>1986 (PHD)</td>
</tr>
</tbody>
</table>
Lintz, Leah E, Instructional Assistant Professor
Health & Kinesiology
MS, Texas A&M University, 2003

Liu, Jiling, Instructional Assistant Professor
Health & Kinesiology
PHD, Texas A&M University, 2016

Lockard, Brittanie L, Adjunct Assistant Professor
Health & Kinesiology
PHD, East Carolina University, 2004

Locklear, Alyssa D, Instructional Associate Professor
Health & Kinesiology
MA1, Texas A&M University System Health Sciences Center, 2003

Markowsky, Vicki J, Instructional Professor
Health & Kinesiology
MS, Texas A&M University, 1981

Martin, Steven E, Clinical Associate Professor
Health & Kinesiology
PHD, Texas A&M University, 2008

Massett, Michael P, Associate Professor
Health & Kinesiology
PHD, University of Illinois at Urbana-Champaign, 1997

McNeill, Elisa H, Clinical Associate Professor
Health & Kinesiology
PHD, Texas A&M University, 2010

Melton, Elizabeth N, Instructional Assistant Professor
Health & Kinesiology
PHD, Texas A&M University, 2012

Milstein, Sloane H, Clinical Assistant Professor
Health & Kinesiology
EDD, Southern Connecticut State University, 2013

Moore, Melinda S, Professor
Health & Kinesiology
PHD, Ball State University, 1997

Muckleroy, Martha L, Instructional Professor
Health & Kinesiology
MED, Texas A&M University, 1994

Nelson, Chad E, Instructional Assistant Professor
Health & Kinesiology
MS, Texas A&M University, 2015

Netherland, Beth M, Instructional Associate Professor
Health & Kinesiology
MS, Miami University, 2000

Nicksic, Hildi M, Clinical Assistant Professor
Health & Kinesiology
PHD, The University of Texas, 2015

Pittman, Andrew T, Clinical Associate Professor
Health & Kinesiology
PHD, Texas A&M University, 1991

Pooley, Alexandra, Instructional Assistant Professor
Health & Kinesiology
MS, The City University London (Trinity Laban Conservatoire of Dance and Music), 2011

Rahn, Rhonda N, Clinical Assistant Professor
Health & Kinesiology
PHD, Texas A&M University, 2014

Riechman, Steven E, Associate Professor
Health & Kinesiology
PHD, University of Pittsburgh, 2000

Safdari, Sara, Instructional Assistant Professor
Health & Kinesiology
MSC, Texas A&M University, 2017

Salaga, Steven H, Assistant Professor
Health & Kinesiology
PHD, University of Michigan, 2012

Sandlin, Michael E, Clinical Associate Professor
Health & Kinesiology
PHD, Texas A&M University, 1992

Schakel, David J, Instructional Assistant Professor
Health & Kinesiology
MA, Ball State University, 1978

Shea, Charles H, Senior Professor
Health & Kinesiology
PHD, Virginia Tech, 1978

Sherman, Ledric D, Assistant Professor
Health & Kinesiology
PHD, Texas A&M University, 2013

Shipley, Meagan M, Clinical Assistant Professor
Health & Kinesiology
PHD, Indiana University, 2014

Singer, John N, Associate Professor
Health & Kinesiology
PHD, Ohio State University, 2002

Slagel, Kristin N, Instructional Associate Professor
Health & Kinesiology
MS, Texas A&M University, 2002

Templin, Mai Phuong L, Instructional Assistant Professor
Health & Kinesiology
MAR, University of Houston, 1992

Terral, Michael H, Lecturer
Health & Kinesiology
MED, Sam Houston State College, 1973

Thomas, Francis E, Instructional Professor
Health & Kinesiology
PHD, Texas A&M University, 1980

Thornton, John H, Executive Professor
Health & Kinesiology
PHD, Texas A&M University, 1997
Thornton, Michael A, Clinical Assistant Professor
Health & Kinesiology
EDD, Texas A&M University, 2007

Tisone, Christine, Clinical Assistant Professor
Health & Kinesiology
PHD, Indiana University, 2004

Waite, Lucy J, Instructional Associate Professor
Health & Kinesiology
MS, Texas A&M University, 2008

Walker, Dillon K, Research Assistant Professor
Health & Kinesiology
PHD, Kansas State University, 2008

Walker, Matthew B, Associate Professor
Health & Kinesiology
PHD, Florida State University, 2007

Waltzmyer, David S, Clinical Assistant Professor
Health & Kinesiology
PHD, Texas A&M University, 2006

Ward, Susan E, Clinical Associate Professor
Health & Kinesiology
PHD, University of Virginia, 1990

Wenzel, Theresa M, Instructional Associate Professor
Health & Kinesiology
MED, Baylor University, 1992

Wigfall, Lisa T, Assistant Professor
Health & Kinesiology
PHD, University of South Carolina, 2009

Willingham, Kristen L, Instructional Assistant Professor
Health & Kinesiology
MS, Texas A&M University, College Station, TX, 2014

Wilson, Kelly L, Associate Professor
Health & Kinesiology
PHD, Texas A&M University, 2004

Wolfe, Joda, Instructional Assistant Professor
Health & Kinesiology
MS, Ohio University, 2012

Wood, Jonathan D, Instructional Assistant Professor
Health & Kinesiology
MS, Texas A&M University, 2010

Woodman, Christopher R, Associate Professor
Health & Kinesiology
PHD, University of Arizona, 1995

Woosley, James R, Instructional Professor
Health & Kinesiology
MS, Western Illinois University, 1975

Wright, David L, Professor
Health & Kinesiology
PHD, Pennsylvania State University, 1989

Wright, Nilah L, Instructional Associate Professor
Health & Kinesiology
PHD, Texas A&M University, 1998

Wright, Scott, Instructional Assistant Professor
Health & Kinesiology
MA1, The University of Texas - Pan American, 1997

Wylie, Wayne E, Associate Professor
Health & Kinesiology
PHD, University of Tennessee, 1981

Xiang, Ping, Professor
Health & Kinesiology
PHD, Louisiana State University, 1996

Majors

Health

- Bachelor of Science in Community Health (http://catalog.tamu.edu/undergraduate/education-human-development/health-kinesiology/community-health-bs)
- Bachelor of Science in Health, Allied Health Track (http://catalog.tamu.edu/undergraduate/education-human-development/health-kinesiology/health-bs-allied-health-track)
- Bachelor of Science in Health, School Health Track (http://catalog.tamu.edu/undergraduate/education-human-development/health-kinesiology/health-bs-school-health-track)

Kinesiology

- Bachelor of Science in Kinesiology, All-Level Physical Education Teacher Certification Track (http://catalog.tamu.edu/undergraduate/education-human-development/health-kinesiology/kinesiology-bs-physical-education-teacher-certification-track)
- Bachelor of Science in Kinesiology, Dance Science Track (http://catalog.tamu.edu/undergraduate/education-human-development/health-kinesiology/kinesiology-bs-dance-science-track)
- Bachelor of Science in Kinesiology, Exercise Science Track, Applied Exercise Physiology Concentration (http://catalog.tamu.edu/undergraduate/education-human-development/health-kinesiology/kinesiology-bs-exercise-science-applied-exercise-physiology-concentration)
- Bachelor of Science in Kinesiology, Exercise Science Track, Basic Exercise Physiology Concentration (http://catalog.tamu.edu/undergraduate/education-human-development/health-kinesiology/kinesiology-bs-exercise-science-basic-exercise-physiology-concentration)
- Bachelor of Science in Kinesiology, Exercise Science Track, Motor Behavior Concentration (http://catalog.tamu.edu/undergraduate/education-human-development/health-kinesiology/kinesiology-bs-exercise-science-motor-behavior-concentration)
- Bachelor of Science in Kinesiology and Master of Science in Athletic Training, 5-Year Degree Program (http://catalog.tamu.edu/undergraduate/education-human-development/health-kinesiology/kine-bs-msat)

Sports Management

- Bachelor of Science in Sport Management, Internship Track (http://catalog.tamu.edu/undergraduate/education-human-development/health-kinesiology/sport-management-bs-internship-track)
University Studies

- Bachelor of Science in University Studies, Dance Concentration
- Bachelor of Science in Sport Management, Non-Internship Track
- Bachelor of Science in University Studies, Dance Concentration
- Bachelor of Science in University Studies, Sport Conditioning Concentration
- Bachelor of Science in Health Sciences, Kinesiology

Minors

- Athletics
- Health
- Human Development
- Sport Management
- Coaching Minor
- Dance Education
- Sport Conditioning
- Kinesiology Minor
- Dance Minor
- Sports Management Minor

Courses

- Athletic Training (ATTR) (p. 6)
- Dance Education (DCED) (p. 6)
- Health Education Field Based (HEFB) (p. 7)
- Health (HLTH) (p. 5)
- Kinesiology (KINE) (p. 5)
- Kinesiology Field Based (KNFB) (p. 13)
- Sport Management (SPMT) (p. 14)

Athletic Training

ATTR 201 Field Experience in Athletic Training I
Credit 1. 4 Lab Hours.
Field based experience in athletic training to provide on-the-job training designed to enhance and clarify career objectives; knowledge and skill development in professional behaviors, injury prevention and risk management.
Prerequisite: Kinesiology majors.

ATTR 202 Field Experience in Athletic Training II
Credit 1. 4 Lab Hours.
Field based experience in athletic training to provide on-the-job training designed to enhance and clarify career objectives; knowledge and skill development in recognition and evaluation of common injuries and illnesses and their management.
Prerequisite: Grade of B or better in ATTR 201.

ATTR 301 Field Experience in Athletic Training I
Credit 1. 4 Lab Hours.
Field based experience in athletic training to provide on-the-job training designed to enhance and clarify career objectives; knowledge and skill development in the treatment and rehabilitation of athletic injuries.
Prerequisite: Grade of B or better in ATTR 202.

ATTR 302 Field Experience in Athletic Training II
Credit 1. 4 Lab Hours.
Field based experience in athletic training to provide on-the-job training designed to enhance and clarify career objectives; knowledge and skill development in athletic training administration; exploration of policy and position statements; professional development.
Prerequisite: Grade of B or better in ATTR 301.

Dance Education

DCED 160 Ballet I
Credits 2. 0 Lecture Hours. 5 Lab Hours.
(DANC 1241) Ballet I. Introduction to ballet technique for dancers; series of barre exercises progressing to center work, explanation of positions of the body and port de bras; understand proper body alignment as it relates to ballet technique; appreciation of ballet as an instrument of expression. May be taken 3 times for credit.
Prerequisites: Dance science majors, dance concentration majors and dance minors; or approval of instructor.

DCED 161 Ballet II
Credits 2. 5 Lab Hours.
Intermediate study of ballet; historical background and the knowledge and understanding of its cultural heritage; increased level of difficulty in barre, center and across the floor; concentration and continual refinement of body/spatial awareness, musicality, alignment and execution of correct classical technique. May be taken 3 times for credit.
Prerequisite: Grade of B or better in DCED 160; dance science majors, dance concentration majors and dance minors; or approval of instructor.

DCED 162 Ballet III
Credits 2. 5 Lab Hours.
Technical study of classical and contemporary ballet; elevated barre work, traditional components including turns, footwork, adagios, advanced center/floor phrases; study of Cecchetti, Vaganova, and collaborative methods; focus on strength, concentration and correct technique on performance combinations. May be taken 3 times for credit.
Prerequisite: Grade of B or better in DCED 161; dance science majors, dance concentration majors and dance minors; or approval of instructor.

DCED 168 Visual and Performing Arts--Jazz Dance III
Credits 2. 4 Lab Hours.
Advanced study of jazz dance; reviews historical background and cultural heritage including significant jazz artists and their influence on jazz dance and society; increased development of coordination, endurance and flexibility necessary to performing extensive jazz combinations; placement exam required on the second day of class.
Prerequisite: KINE 167 or approval of instructor.

DCED 171 Modern Dance I
Credits 2. 0 Lecture Hours. 5 Lab Hours.
Study and understanding of modern dance concepts; lateral curve, contraction, spiral, high curve, high release, rotation versus parallel, body alignment, moving in and out of the floor, fluidity of phrase work, musicality and kinesthetic awareness. May be taken 3 times for credit.
Prerequisites: Dance science majors, dance concentration majors and dance minors; or approval of instructor.
DCED 172 Modern Dance II
Credits 2. 5 Lab Hours.
Intermediate study of modern dance; reviews, historical background and its development within society; continual study and understanding of modern dance concepts; fall/recovery, contract/release, use of breath and weight, spine work, inversion and spatial awareness. May be taken 3 times for credit.
Prerequisite: Grade of B or better in DCED 171; dance science majors, dance concentration majors and dance minors; or approval of instructor.

DCED 173 Modern Dance III
Credits 2. 5 Lab Hours.
Physical and artistic exploration of both traditional and contemporary training methods; three dimensional spine work, inversion, floor work and dynamics. May be taken 3 times for credit.
Prerequisite: Grade of B or better in DCED 172; dance science majors, dance concentration majors and dance minors; or approval of instructor.

DCED 202 Dance Appreciation
Credits 3. 3 Lecture Hours.
Survey of dance as a cultural and artistic form in numerous countries; exploration of the development and influence of dance in various cultures; analysis of various genres of artistic dance and their development; discussion of aesthetic principles of dance as an art form and how choreographers are influenced by society to create work.

DCED 203 Dance Production
Credits 3. 3 Lecture Hours.
Overview of philosophy, major aspects and common elements in producing dance concerts; lighting, sound, stage design, terminology, costuming, management, production designs, practical experience with on-stage performances.
Prerequisites: Dance science majors, dance concentration majors and dance minors; or approval of instructor.

DCED 301 Dance History
Credits 3. 3 Lecture Hours.
Overview of current dance scene, career fields, education; development of theatrical, social, educational dance from lineage based to contemporary cultures; emphasis on dance in America, genres, roots, heritage, pioneers, crusading artists; impacts, influences, growth, development, trends and continual metamorphosis in the art world.
Prerequisite: Approval of instructor.

DCED 302 Health Practices for Dancers
Credits 2. 2 Lecture Hours.
Focuses on health issues common to the dancer such as overtraining, drug use and performance anxiety, anatomy in relation to proper dance technique, misalignments, imbalances and injuries common to the dancer.
Prerequisites: Dance science majors only or approval of instructor; junior or senior classification.

DCED 304 Creative Dance for Children
Credits 3. 3 Lecture Hours.
Theory and practice of creative movement classes for children; the development stages and learning outcomes of creative movement; incorporation of creative movement into children's classes; dance elements and benefits of creative movement; lesson plans and student assessment.
Prerequisite: Junior or senior classification or approval of instructor.

DCED 306 Dance Composition I
Credits 2. 2 Lecture Hours.
Introduces choreographic devices in solo and duet movement studies; exploration of design principles; creating multiple movement studies using various elements of choreography.
Prerequisites: Dance science majors, dance concentration majors and dance minors; or approval of instructor; junior or senior classification.

DCED 400 Dance Composition II
Credits 2. 2 Lecture Hours.
Introduces choreographic devices related to group movement studies; explore and create movement studies as a means of first and second function art, use choreographic tools in the dance making process as it relates to group work.
Prerequisites: DCED 306 or approval of instructor.

DCED 401 Dance Pedagogy
Credits 3. 3 Lecture Hours.
Study of dance pedagogy; major aspects of a dance teacher including knowledge of injury prevention, correct technique, preparation, presentation, evaluation of dance materials, levels and technique class; focus on various teaching methods, tools, planning, communication/instructional skills and learning experiences/styles.
Prerequisites: DCED 301 and DCED 400 or approval of instructor; junior or senior classification.

DCED 402 Dance Composition III
Credits 2. 2 Lecture Hours.
Choreograph, design and produce a senior concert; accumulation of previous course work in composition should be used to bring the elements of the choreographic process to a final product.
Prerequisites: DCED 400; dance science track majors only; admittance into the professional phase or approval of instructor; junior or senior classification.

Health Education Field Based
HEFB 222/KNFB 222 Teaching and Schooling in Modern Society
Credits 3. 2 Lecture Hours. 3 Lab Hours.
Developing an understanding of students in multiple settings and levels; development, structure, history, finance, and management of schools in a democratic society; philosophical, ethical and moral dimensions of teaching; professional role of teacher.
Prerequisites: Junior or senior classification; majors only.
Cross Listing: KNFB 222/HEFB 222.

HEFB 324/KNFB 324 Technology and Teaching Skills for the 21st Century Learner
Credits 3. 2 Lecture Hours. 2 Lab Hours.
Preparation of future Health and Physical Education teachers with practical skills related to: technology in the classroom/gymnasium, strategies for addressing urban education and English language learners, liability, management and classroom discipline, development of professional communication skills and time management; includes field based experiences in diverse classroom settings.
Prerequisites: HEFB 222/KNFB 222 or KNFB 222/HEFB 222; admission to professional phase of program.
Cross Listing: KNFB 324/HEFB 324.
HEFB 325/HEFB 325 Introduction to Secondary School Teaching
Credits 3. 2 Lecture Hours. 2 Lab Hours.
Introduce fundamental teaching skills and theories necessary for preparing reflective teachers; examine classroom management, learning strategies and assessment techniques; classroom lectures combined with field-based experiences to link theory into practice.
Prerequisites: HEBF 222/KNFB 222 or KNFB 222/HEFB 222; admission to professional phase of program; junior or senior classification.
Cross Listing: HEBF 325/HEFB 325.

HEFB 450/KNFB 450 Supervised Student Teaching
Credits 6. 0 Lecture Hours. 6 Other Hours.
Observation and participation in an accredited public school classroom; techniques of teaching student's teaching fields, and appropriate instructional strategies for assigned student population.
Prerequisites: Admission to professional phase of program and to student teaching; junior or senior classification.
Cross Listing: KNFB 450/HEFB 450.

Health

HLTH 210 Introduction to the Discipline
Credits 3. 3 Lecture Hours.
Concepts essential to understanding the discipline: competencies and career opportunities for professional health educators in school and community settings.
Prerequisites: Current health major; grade of C or better in HLTH 231 or concurrent enrollment.

HLTH 214/KINE 214 Health and Physical Activity for Children
Credits 3. 3 Lecture Hours.
(PHED 1331) Health and Physical Activity for Children. Coordinated school health and physical activity programs appropriate for elementary aged children; focus on the content of the curriculum and the philosophical underpinnings of programming related to health and physical activity.
Cross Listing: KINE 214/HLTH 214.

HLTH 216 First Aid
Credits 2. 2 Lecture Hours.
(PHED 1206) First Aid. Basic first aid instruction leading to University Level, first aid course completion recognition.

HLTH 221 Safety
Credits 3. 3 Lecture Hours.
The magnitude of the accident problem as it relates to individual and community well-being; promotion of safe behavior. Only one of the following will satisfy the requirements for a degree: HLTH 221 and SAED 301.

HLTH 222 Concepts in Peer Health Education
Credits 3. 3 Lecture Hours.
Preparation as peer educators and campus community leaders; experiential learning; includes various health topics, program development, presentation and public speaking, communication and group facilitation.

HLTH 231 Healthy Lifestyles
Credits 3. 3 Lecture Hours.
(PHED 1304) Healthy Lifestyles. Health issues relevant to students; included are mental health, use and abuse of drugs, human sexuality, communicable diseases, environmental and consumer health.

HLTH 236 Race, Ethnicity and Health
Credits 3. 3 Lecture Hours.
Explore in-depth the racial, ethnic, and cultural dimensions that underlie health and health disparities; emphasis on culture, social economic status and governmental policies as they influence the adaptation of health practices.

HLTH 240/KINE 240 Computer Technology in Health and Kinesiology
Credits 3. 2 Lecture Hours. 2 Lab Hours.
Application of current technology in the areas of health and kinesiology; fundamentals of computers and their use; application of commercial software to health and kinesiology settings; use of computer networks for communications and research.
Prerequisite: Freshman or sophomore classification in health or kinesiology.
Cross Listing: KINE 240/HLTH 240.

HLTH 285 Directed Studies
Credits 0 to 4. 0 to 4 Other Hours.
Work on a specified topic with the intent of promoting independent reading, research and study; supplement existing course offerings or subjects not presently covered.
Prerequisites: Freshman or sophomore classification; approval of instructor.

HLTH 291 Research
Credits 0 to 4. 0 to 4 Other Hours.
Research conducted under the direction of faculty member in health. May be repeated 4 times for credit.
Prerequisites: Freshman or sophomore classification and approval of instructor.

HLTH 331 Community Health
Credits 3. 3 Lecture Hours.
Aspects of the community that relate to health; identification and analysis of community health programs; organizational pattern and functions of voluntary and governmental health agencies; organizing the community for health action; and coordination of school and community health programs.
Prerequisite: Grade of C or better in HLTH 231 or concurrent enrollment.

HLTH 332 School Health Program
Credits 3. 3 Lecture Hours.
Background, development, administration and framework of the school health program; role of the school health team; nature and function of school health services and healthful school living.
Prerequisite: Grade of C or better in HLTH 231 or concurrent enrollment.

HLTH 333 Spirituality and Health
Credits 3. 3 Lecture Hours.
Exploration of the relationship between spirituality, religion, health, health education and spiritual health; identification of techniques to measure spiritual health/wellness and enlighten healthcare professionals to the role spiritual health plays in healing; identification of spirituality topics important to health care professionals.
Prerequisite: Grade of C or better in HLTH 231, HLTH 331, or approval of instructor.

HLTH 334/WGST 334 Women's Health
Credits 3. 3 Lecture Hours.
A broad range of health issues that are either unique to women or of special importance to women; information for the health consumer; preparation as an advocate of healthy lifestyles; awareness of the role health plays in the life of all women.
Prerequisite: Junior or senior classification.
Cross Listing: WGST 334/HLTH 334.
HLTH 335 Human Diseases
Credits 3. 3 Lecture Hours.
Causes of disease, course of communicable disease, body's defense against disease and classification and description of diseases.
Prerequisite: Grade of C or better in BIOL 319 and BIOL 320; admission to professional phase of program.

HLTH 342 Human Sexuality
Credits 3. 3 Lecture Hours.
Many aspects of human sexuality; physiology and function of human reproductive system, factors involved in learning sex roles, biological and emotional motivations associated with the sexual aspects of life and their relationship to marriage and family planning.
Prerequisite: Admission to the professional phase of program.

HLTH 353 Drugs and Society
Credits 3. 3 Lecture Hours.
Use and abuse of drugs in today's society; physiological, sociological and psychological factors involved.
Prerequisite: Grade of C or better in BIOL 319 and BIOL 320; admission to professional phase of program.

HLTH 354 Medical Terminology for the Health Professions
Credits 3. 3 Lecture Hours.
Designed for students interested in pursuing a career in a health, medical, scientific or other helping profession; develop medical word power skills combined with related health and disease knowledge.
Prerequisite: Junior or senior classification.

HLTH 403 Consumer Health
Credits 3. 3 Lecture Hours.
#Selection, evaluation and understanding of health information, medical services, advertising of products and sociocultural factors in consumer health protection.
Prerequisite: Junior or senior classification.

HLTH 405 Rural Health
Credits 3. 3 Lecture Hours.
Issues facing rural health care; emphasis on understanding the geographical characteristics of rural communities and their affect on health care delivery.
Prerequisite: Grade of C or better in HLTH 331; junior or senior classification.

HLTH 407 Global Health
Credits 3. 3 Lecture Hours.
Overview of global health issues; synthesis of historical, cultural, environmental, economic and political perspectives; gathering and understanding international health statistics; cultural, social and political impacts on health and health care behaviors; clinical and population-based approaches to health management and illness resolution; ethical issues implicit in conducting health research; private and public agency relief strategies; opportunities for employment in international health.
Prerequisites: Admission to the professional phase of program; junior or senior classification or approval of instructor.

HLTH 410 Exercise and Health Programs in the Workplace
Credits 3. 3 Lecture Hours.
Careful examination of strategies to design, implement and evaluate exercise and health programs in worksites; including health risk assessment, marketing protocol, needs assessment, corporate culture issues, policy development and cost-benefit analysis.
Prerequisite: Junior or senior classification.

HLTH 415 Health Education Methodology
Credits 3. 3 Lecture Hours.
Theory and practice in the development and use of creative and traditional health education strategies in secondary schools and community settings; emphasis is given to cognitive, affective and behavioral teaching strategies.
Prerequisites: Senior classification and approved acceptance to field experience.

HLTH 421 Elementary School Health Instruction
Credits 3. 3 Lecture Hours.
Modern issues, trends, content and material in elementary school health programs; research and instructional strategies essential for reading in content areas with an emphasis on developing the coordinated school health education for health and kinesiology teacher certification majors.
Prerequisite: Junior or senior classification in health or kinesiology; admission to professional phase of program.

HLTH 425 Health Program Evaluation
Credits 3. 3 Lecture Hours.
Theory and practice in evaluation of health programs in school and community; analysis of test results; evaluation of standardized health tests.
Prerequisites: Senior classification and approved acceptance to field experience.

HLTH 429 Environmental Health
Credits 3. 3 Lecture Hours.
Health aspects of environments; health problems related to water, air and noise pollution; pesticides; population and radiation; examination of various micro-environments which either promote or hinder human health and well-being and their implications for community planning and utilization of human resources.
Prerequisite: Junior or senior classification.

HLTH 430 Contemporary Issues for Community Health Interns
Credits 3. 3 Lecture Hours.
Preparatory course for advanced students in the community health internship program.
Prerequisite: Acceptance to internship program.

HLTH 445 Professional Practice in Health Education
Credits 2. 2 Lecture Hours.
Information, perspectives and skills to promote health and quality of life effectively in community, school, workplace and health-care settings; boundary-crossing partnerships across health disciplines; the role of collaborative efforts to better meet community health needs.
Prerequisites: Admission to professional phase of program; junior or senior classification.

HLTH 481 Seminar in Allied Health
Credit 1. 1 Lecture Hour.
Admission to allied health professional school and/or careers; research on selected allied health fields, discussion of transition from college environment to professional school/career environment including professional development. Must be taken on a satisfactory/unsatisfactory basis.
Prerequisites: Junior or senior classification.

HLTH 482 Grant Writing in Health
Credit 1. 1 Lecture Hour.
A writing intensive course focused on grant writing in the field of health education and health promotion; grant application written by student on a health-related topic using a recursive writing process. May be taken two times for credit. Must be taken on a satisfactory/unsatisfactory basis.
Prerequisite: Admission to professional phase of program.
KINESIOLOGY

KINE 120 The Science of Basic Health and Fitness
Credit 1. 1 Lecture Hour. 1 Lab Hour.
Overview of the human body; scientific fundamentals of stress, fitness, nutrition, disease and drug use; interdisciplinary focus on wellness and longevity; integrated physical activity experiences centering on principles and applications of the scientific basis of conditioning; not open to students who have taken KINE 223.

KINE 121 Physical and Motor Fitness Assessment
Credits 2. 1 Lecture Hour. 2 Lab Hours.
Assessment of individual physical fitness and motor ability profiles for students majoring in kinesiology.
Prerequisite: Kinesiology major.

KINE 167 Visual and Performing Arts—Jazz Dance II
Credit 1. 2 Lab Hours.
(DANC 1148) Visual and Performing Arts—Jazz Dance II. Intermediate study of jazz dance; review of historical background and cultural heritage; includes several jazz styles; proper body mechanics and alignment; placement exam required on the second day of class.
Prerequisite: Beginning jazz dance or approval of instructor.

KINE 175 Gender Neutral Partnering
Credit 1. 2 Lab Hours.
Explores the fundamental principles of partnering; explores the properties of momentum, weight sharing, contact improvisation, breath, timing and trust; develops movement phrases on the principles of impromptu and partnering.
Prerequisite: DCED 172 or approval of instructor.

KINE 179 Health and Fitness Activity
Credit 1. 2 Lab Hours.
Half lecture; half activity; student choice of designated fitness or strength related activities; lecture portion covers current health topics.

KINE 199 Required Physical Activity
Credit 1. 2 Lab Hours.
(DANC 1147, DANC 1145, DANC 1146, Any 1-hour PHED activity course) Required Physical Activity. Selection from a wide variety of activities designed to increase fitness and/or encourage the pursuit of lifetime activity.

KINE 201 Pilates Apparatus
Credits 2. 2 Lecture Hours.
Study of Pilates apparatus work as designed by Joseph H. Pilates; basic principles of Pilates including breathing, pelvic and ribcage placement, scapulae stabilization, head and cervical alignment; uses apparatuses such as reformer, cadillac, chair, and barrel; incorporates the use of props such as rollers, mini balls, physioballs, blocks, therabands and pinky balls into apparatus work. May be taken 2 times for credit.
Prerequisites: KINE 198–Pilates Mat I; dance science track majors only or approval of instructor.

KINE 210 The Art of Movement
Credits 3. 3 Lecture Hours.
Introductory course that examines and appreciates movement as expressed by every culture; movement is a function driven by context, whether practical or artistic; this course examines how dance is used to advance personal, social expression via design, patternning, connoted meaning, and inter-connectivity of form; in-class discussions, applications, and presentations, students attend and critique off-campus dance productions to enhance perspective, experience and appreciation of dance movement.

KINE 213 Foundations of Kinesiology
Credits 3. 3 Lecture Hours.

KINE 214/HLTH 214 Health and Physical Activity for Children
Credits 3. 3 Lecture Hours.
(PHED 1331) Health and Physical Activity for Children. Coordinated school health and physical activity programs appropriate for elementary aged children; focus on the content of the curriculum and the philosophical underpinnings of programming related to health and physical activity.
Cross Listing: HLTH 214/KINE 214.

KINE 215 Fundamentals of Coaching
Credit 1. 1 Lecture Hour.
(PHED 1321) Fundamentals of Coaching. Study modern theories and applications related to coaching; philosophies, styles, techniques, team organization, liability and administration.
Prerequisite: Kinesiology majors and coaching minors only.

KINE 223 Introduction to the Science of Health and Fitness
Credits 3. 2 Lecture Hours.
Overview of the human body systems; interdisciplinary focus on wellness, fitness, nutrition, disease, drug use; integrated physical activity centering on principles and applications of conditioning; collect data, evaluate information, formulate plans based on findings; experience with pedometers, heart rate monitors, bioelectrical impedance devices, software and other technology.

KINE 240/HLTH 240 Computer Technology in Health and Kinesiology
Credits 3. 3 Lecture Hours.
Application of current technology in the areas of health and kinesiology; fundamentals of computers and their use; application of commercial software to health and kinesiology settings; use of computer networks for communications and research.
Prerequisite: Freshman or sophomore classification in health or kinesiology.
Cross Listing: HLTH 240/KINE 240.
KINE 260 Movement Lab: Ballet I
Credits 2. 0 Lecture Hours. 5 Lab Hours.
Understand body alignment through ballet technique; assess individual muscular and skeletal imbalances during a ballet technique class; video references of proper body alignment; anatomical explanation and assessment of individual’s use of lateral rotation in ballet technique. May be taken 3 times for credit.
Prerequisites: Grade of B or better in DCED 160; dance science majors, dance concentration majors and dance minors; or approval of instructor.

KINE 271 Movement Lab: Modern Dance I
Credits 2. 0 Lecture Hours. 5 Lab Hours.
Understand body alignment through modern dance; assess individual muscular and skeletal body imbalances during a modern dance class; introduction of how to work with imbalances in the body while executing proper dance technique; understand the structural and muscular alignment of parallel versus lateral rotation. May be taken 3 times for credit.
Prerequisites: Grade of B or better in DCED 171; dance science majors, dance concentration majors and dance minors; or approval of instructor.

KINE 285 Directed Studies
Credits 0 to 4. 0 to 4 Other Hours.
Work on a specified topic with the intent of promoting independent reading, research and study; supplement existing course offerings or subjects nor presently covered.
Prerequisites: Freshman or sophomore classification; approval of instructor.

KINE 289 Special Topics in...
Credits 0 to 4. 0 to 4 Lecture Hours.
Selected topics in an identified area of kinesiology. May be repeated for credit.

KINE 291 Research
Credits 0 to 4. 0 to 4 Other Hours.
Research conducted under the direction of faculty member in kinesiology. May be repeated 4 times for credit.
Prerequisites: Freshman or sophomore classification and approval of instructor.

KINE 302 Applied Exercise Physiology for Coaches
Credit 1. 1 Lecture Hour.
Survey of the physiology of exercise with an emphasis on topics in applied physiology that coaches should understand in working with student athletes of both genders and different ages.
Prerequisites: Grade of C or better in KINE 306 or concurrent enrollment; junior or senior classification or approval of instructor.

KINE 305 Sport Nutrition
Credits 3. 3 Lecture Hours. 0 Lab Hours.
Optimal nutritional intake in support of peak performance in sport and dance; food as fuel and which fuels are most important to specific sport/dance activities; the role nutritional supplements can play; fluid balance; weight management for athletes and dancers.
Prerequisites: NUTR 202 or equivalent or approval of instructor; junior or senior classification.

KINE 306 Functional Anatomy for Coaches
Credit 1. 2 Lab Hours.
Introduction to musculoskeletal anatomy and movement analysis and the applications of these topics to basic sport skills.
Prerequisite: Junior or senior classification or approval of instructor.

KINE 307 Lifespan Motor Development
Credits 3. 3 Lecture Hours.
Developmental characteristics and contemporary issues associated with motor behavior across the lifespan.
Prerequisite: Junior or senior classification or approval of instructor.

KINE 308 Integrated Adventure Education
Credits 3. 2 Lecture Hours. 3 Lab Hours.
Philosophy of outdoor education in a physical education program; designing and implementing outdoor adventure activities in an experiential and interdisciplinary manner for reinforcing the Texas Essential Knowledge and Skills.
Prerequisites: Junior or senior classification or instructor approval.

KINE 311 Fundamental Rhythms and Dance
Credits 3. 2 Lecture Hours. 3 Lab Hours.
Appreciation of rhythms and dance movements in a cultural context; analysis of dance performance; basic understanding of the various dance components.
Prerequisite: Approval of instructor.

KINE 312 Coaching of Baseball
Credits 2. 1 Lecture Hour. 2 Lab Hours.
Theory and practice of coaching fundamentals in baseball.
Prerequisite: Grade of C or better in KINE 216.

KINE 314 Coaching of Soccer
Credits 2. 1 Lecture Hour. 2 Lab Hours.
Study of modern theories and applications related to coaching soccer.
Prerequisites: Grade of C or better in KINE 215.

KINE 317 Coaching of Football
Credits 2. 1 Lecture Hour. 2 Lab Hours.
Theory and practice of coaching fundamentals in football.
Prerequisite: Grade of C or better in KINE 215.

KINE 318 Athletic Injuries
Credits 3. 3 Lecture Hours.
Introduction to the profession of athletic training; comprehensive analysis of the theories and practices in preventing, recognizing and treating common athletic injuries.
Prerequisites: HLTH 216; BIOL 319; BIOL 320; junior or senior classification.

KINE 320 Advanced Athletic Injuries
Credits 3. 3 Lecture Hours.
Principles and procedures of therapeutic modalities, therapeutic exercise and rehabilitation as they relate to physical education, athletic training and physical therapy.
Prerequisites: KINE 318 and approval of instructor.

KINE 321 Coaching of Volleyball
Credits 2. 1 Lecture Hour. 2 Lab Hours.
Coaching fundamentals in volleyball.
Prerequisites: Grade of C or better in KINE 215.

KINE 324 Career Development in Coaching and Youth Development
Credits 3. 3 Lecture Hours.
Topic relevant to and career options in the coaching profession; preparation of future coaches and youth development professionals for successful careers; exploration and development of skills and knowledge to lead and manage individuals and teams.
Prerequisites: Junior or senior classification; approval of instructor.
KINE 351 Coaching of Basketball
Credits 2. 1 Lecture Hour. 2 Lab Hours.
Theory of fundamental skills needed to coach basketball with emphasis on knowledge of rules, strategies and skill analysis.
Prerequisites: Grade of C or better in KINE 215.

KINE 355 Coaching of Track
Credits 2. 1 Lecture Hour. 2 Lab Hours.
Theory and practice of coaching fundamentals in track and field events.
Prerequisite: Grade of C or better in KINE 215.

KINE 361 Movement Lab: Ballet II
Credits 2. 0 Lecture Hours. 5 Lab Hours.
Self evaluation of correct body alignment and imbalances while executing proper ballet technique; observation and assessment of the student's progression throughout the semester in regards to proper alignment and technique. May be taken 3 times for credit.
Prerequisite: Grade of B or better in DCED 161; dance science majors, dance concentration majors and dance minors; or approval of instructor.

KINE 372 Movement Lab: Modern Dance II
Credits 2. 0 Lecture Hours. 5 Lab Hours.
Self evaluation of correct body alignment and imbalances while executing proper modern dance technique; observation and assessment of the student's progression throughout the semester in regards to proper alignment and technique. May be taken 3 times for credit.
Prerequisite: Grade of B or better in DCED 172; dance science majors, dance concentration majors and dance minors; or approval of instructor.

KINE 386 Sport Physiology
Credits 3. 3 Lecture Hours.
Scientific physiological principles as they relate to sport and exercise in the preparation of current and future coaches; emphasis on cognitive, physiological knowledge and practical applications necessary to earn a creditable national certification; safely and effectively train athletic, fitness and general populations.
Prerequisites: KINE 121, KINE 213 and KINE 302; junior or senior classification.

KINE 403 Dance Wellness
Credits 3. 3 Lecture Hours.
Using scientific methods to evaluate the dancer’s body; implementation of dance screening process and creation of programs to address specific dance related injuries, imbalances or misalignments; study of current research in dance medicine/science and application of this knowledge to increase longevity of movement.
Prerequisites: BIOL 319, BIOL 320; dance science track majors only; admittance into the professional phase or approval of instructor; junior or senior classification.

KINE 404 Coaching Psychology
Credits 3. 3 Lecture Hours.
Mental aspects of coaching for performance improvement in athletic and exercise settings; focus on coaching applications of theoretical concepts including individual differences, motivation, team and group dynamics, leadership, performance enhancement, positive and negative health behaviors and youth development.
Prerequisite: Junior or senior classification, or approval of instructor.

KINE 406 Motor Learning and Skill Performance
Credits 3. 3 Lecture Hours.
Learning in psychomotor domain; motor learning theories, physiological bases of skill behavior, motor and skill learning, state of performer and application of instructional techniques in motor learning and skill performance.
Prerequisites: Junior or senior classification; admission to professional phase of program or approval of instructor for non-kinesiology majors.

KINE 425 Tests and Measurements
Credits 3. 3 Lecture Hours.
Comprehensive examination of the conceptual and theoretical aspects of measurement and evaluation in the field of kinesiology; emphasis on the application of statistical techniques germane to measurement and evaluation.
Prerequisites: Junior or senior classification; or approval of instructor for non-majors.

KINE 426 Exercise Biomechanics
Credits 4. 3 Lecture Hours. 3 Lab Hours.
An integrated, mechanistic study of biomechanics of human motion during physical activity and exercise; biology and mechanical properties of the human movement system including bones, tendons, ligaments, cartilage, skeletal muscles, joints and whole body systems investigated.
Prerequisites: Grade of C or better in PHYS 201, BIOL 319, and BIOL 320; junior or senior classification; admission to the professional phase of program or approval of instructor for non-majors.

KINE 427 Therapeutic Principles
Credits 3. 3 Lecture Hours.
Examination of human tissue types, characteristics, and physiology pertaining to injury, pain transmission, and the healing process; study of common therapeutic modalities such as ultrasound and electricity with emphasis on physiological mechanisms of effect.
Prerequisites: Junior or senior classification; admission to the professional phase of program or approval of instructor for non-kinesiology majors.

KINE 429 Adapted Physical Activity
Credits 3. 2 Lecture Hours. 2 Lab Hours.
Kinesiology for individuals with handicapping conditions; emphasis on cognitive recognition of such handicaps as postural deviations, emotional disturbances, convulsive disorders, vision and auditory problems, and other learning disability conditions.
Prerequisite: Admission to professional phase of program or approval of instructor for non-majors.

KINE 431 Ropes Course and Group Process
Credits 3. 2 Lecture Hours. 2 Lab Hours.
Techniques of group facilitation for initiatives of ropes/challenge course events; activity presentation and sequencing, safety techniques and construction principles, and processing experiences for transfer of learning.
Prerequisite: Junior or senior classification; approval of instructor.

KINE 433 Physiology of Exercise
Credits 3. 3 Lecture Hours.
Physiological bases of exercise and physical conditioning; measurement of metabolic efficiency during exercise, neuromuscular efficiency and body composition.
Prerequisites: Grade of C or better in BIOL 319 and BIOL 320; junior or senior classification; admission to the professional phase of program or approval of instructor for non-majors.
KINE 434 Advanced Exercise Physiology  
Credits 3. 3 Lecture Hours.  
Investigates mechanisms responsible for skeletal muscle power production during exercise and the energetic support for the muscles through intermediary metabolism and oxygen flux from the lungs to the muscle mitochondria; examines the effects of training on these processes.  
Prerequisites: Grade of C or better in KINE 433; junior or senior classification.

KINE 435 Physiology of Exercise Lab  
Credit 1. 3 Lab Hours.  
Investigation of the body's response and adjustment of physiological systems to exercise; benefits to physiological systems from exercise.  
Prerequisites: Grade of C or better in KINE 433; junior or senior classification; admission to the professional phase.

KINE 439 Exercise Evaluation and Prescription  
Credits 4. 3 Lecture Hours. 3 Lab Hours.  
Prerequisites: Grade of C or better in KINE 433 or concurrent enrollment; senior classification; admission to the professional phase of program or approval of instructor for non-kinesiology majors.

KINE 462 Movement Lab: Ballet III  
Credits 2. 0 Lecture Hours. 5 Lab Hours.  
Peer evaluation of body alignment, imbalances and biomechanics of movement; explanation of kinesthetic principles and injury prevention through ballet technique; conditioning programs for a peer's imbalances and improper technique in a ballet class. May be taken 3 times for credit.  
Prerequisites: Grade of B or better in DCED 162; dance science majors, dance concentration majors and dance minors; or approval of instructor.

KINE 473 Movement Lab: Modern Dance III  
Credits 2. 0 Lecture Hours. 5 Lab Hours.  
Peer evaluation of body alignment, imbalances and biomechanics of movement; explanation of kinesthetic principles and injury prevention through modern dance technique; develop conditioning program for a peer's imbalances and improper technique in a modern dance class. May be taken 3 times for credit.  
Prerequisites: Grade of B or better in DCED 173; dance science majors, dance concentration majors and dance minors; or approval of instructor.

KINE 482 Seminar  
Credit 1. 1 Lecture Hour.  
Acquaint students with current research and the research process in their chosen field of study (kinesiology). May be taken four times for credit.  
Must be taken on a satisfactory/unsatisfactory basis.  
Prerequisites: Admission to professional phase of program or approval of instructor; junior or senior classification.

KINE 483 Practicum in Kinesiology  
Credits 3. 2 Lecture Hours. 2 Lab Hours.  
Participation and study in the areas of fitness assessment, exercise and/or sport programming and fitness/sport administration; acquisition and practice of professional and/or clinical skills in kinesiology.  
Prerequisites: KINE 199 (Aerobic Movement); senior classification; admission to the professional phase; approval of instructor.

KINE 484 Internship in Kinesiology  
Credits 0 to 12. 0 to 12 Other Hours.  
Supervised internship with corporate fitness centers, rehabilitation centers, hospitals, recreation centers and similar agencies and organizations.  
Prerequisites: KINE 483; completion of all coursework.

KINE 485 Directed Studies  
Credits 0 to 4. 0 to 4 Other Hours.  
Special problems in kinesiology assigned to individual students or to groups.  
Prerequisites: Junior or senior classification; approval of instructor.

KINE 489 Special Topics in...  
Credits 0 to 4. 0 to 4 Lecture Hours. 0 to 4 Lab Hours.  
Selected topics in an identified area of kinesiology. May be repeated for credit.

KINE 491 Research  
Credits 0 to 4. 0 to 4 Other Hours.  
Research conducted under the direction of faculty member in kinesiology. May be repeated 4 times for credit.  
Prerequisites: Junior or senior classification and approval of instructor.

Kinesiology Field Based

KNFB 222/HEFB 222 Teaching and Schooling in Modern Society  
Credits 3. 2 Lecture Hours. 3 Lab Hours.  
Developing an understanding of students in multiple settings and levels; development, structure, history, finance, and management of schools in a democratic society; philosophical, ethical and moral dimensions of teaching; professional role of teacher.  
Prerequisite: Majors only; junior or senior classification.  
Cross Listing: HEBF 222/KNFB 222.

KNFB 315 Elementary School Physical Activities  
Credits 3. 2 Lecture Hours. 2 Lab Hours.  
Physical activities, materials and curriculum in elementary schools.  
Prerequisite: Junior or senior classification; admission to the professional phase of program.

KNFB 324/HEFB 324 Technology and Teaching Skills for the 21st Century Learner  
Credits 3. 2 Lecture Hours. 2 Lab Hours.  
Preparation of future Health and Physical Education teachers with practical skills related to: technology in the classroom/gymnasium, strategies for addressing urban education and English language learners, liability, management and classroom discipline, development of professional communication skills and time management; includes field based experiences in diverse classroom settings.  
Prerequisites: HEBF 222/KNFB 222 or KNFB 222/HEBF 222; admission to professional phase of program.  
Cross Listing: HEBF 324/KNFB 324.

KNFB 325/HEFB 325 Introduction to Secondary School Teaching  
Credits 3. 2 Lecture Hours. 2 Lab Hours.  
Introduce fundamental teaching skills and theories necessary for preparing reflective teachers; examine classroom management, learning strategies and assessment techniques; classroom lectures combined with field-based experiences to link theory into practice.  
Prerequisites: HEBF 222/KNFB 222 or KNFB 222/HEBF 222; admission to professional phase of program; junior or senior classification.  
Cross Listing: HEBF 325/HEFB 325.
KNFB 416 Middle and Secondary School Physical Activities
Credits 3. 2 Lecture Hours. 2 Lab Hours.
Physical activities, teaching strategies, media techniques and curriculum in middle and secondary schools.
Prerequisites: Admission to professional phase of program; approved acceptance to field experience.

KNFB 450/HEFB 450 Supervised Student Teaching
Credits 6. 6 Other Hours.
Observation and participation in an accredited public school classroom; techniques of teaching student’s teaching fields, and appropriate instructional strategies for assigned student population.
Prerequisites: Admission to professional phase of program and to student teaching.
Cross Listing: HEBF 450/KNFB 450.

Sport Management

SPMT 217 Foundations of Sport Management
Credits 3. 3 Lecture Hours.
History, principles, and objectives of the sport management profession; an overview of the structure of the sport industry; introduction to the scope and variety of career opportunities in sport.

SPMT 220 Olympic Studies
Credits 3. 3 Lecture Hours.
History of the Olympic Games and their development over time; analyze, compare and contrast the relationship between the Olympics, cultures and societies; examination of central problems, accomplishments and collaborations revolving around the Olympics from a variety of viewpoints.

SPMT 225 Practical Skills for Sport Professionals
Credits 3. 3 Lecture Hours.
Introduction to the writing, communication and technical skills required to succeed in the sport industry; segmented into units based on different professions within the sport industry such as journalism, marketing, technology, public relations, organizational communication and law.

SPMT 230 Introduction to Leadership in Sport Organizations
Credits 3. 3 Lecture Hours.
Attainment and application of leadership skills in the sports setting; analysis of sports leaders and their styles; ethics in sport leaders; preparation to work in youth sports institutions; youth community agencies and sport related non-profit agencies.

SPMT 285 Directed Studies
Credits 0 to 4. 0 to 4 Other Hours.
Work on a specified topic with the intent of promoting independent reading, research and study; supplement existing course offerings or subjects not presently covered. May be repeated for credit.
Prerequisites: Freshman or sophomore classification; approval of instructor.

SPMT 289 Special Topics in...
Credits 0 to 4. 0 to 4 Lecture Hours.
Selected topics in an identified area of sport management. May be repeated for credit.

SPMT 291 Research
Credits 0 to 4. 0 to 4 Other Hours.
Research conducted under the direction of a faculty member in sport management. May be repeated 4 times for credit.
Prerequisites: Freshman or sophomore classification; approval of instructor.

SPMT 304 Sport Psychology Management and Practice
Credits 3. 3 Lecture Hours.
The relationship of psychology to sport and exercise; topics include history, application of learning principles, social psychology, personality variables, psychological assessment, youth sport, and diversity issues in sport and exercise.
Prerequisite: Junior classification.

SPMT 316 Sales Strategies in Sport Organizations
Credits 3. 3 Lecture Hours.
Preparation for the sport business workforce via the sales outlet; emphasis on developing skills for success in sport sales.
Prerequisites: Grade of C or better in SPMT 217; junior or senior classification.

SPMT 319/SOCI 319 Sociology of Sport
Credits 3. 3 Lecture Hours.
Social institution of sport and its consequences for American society; social organization from play to professional sport; violence, discrimination, women in sport; socialization implications from participation in sports.
Prerequisite: Junior or senior classification.
Cross Listing: SOCI 319/SPMT 319.

SPMT 321 Risk Management in Sport Organizations
Credits 3. 3 Lecture Hours.
Legal principles and rules of law affecting the administration and operation of health, human performance, recreation and sports programs, resources, areas and facilities; risk management and legal concepts applied to contracts, human rights, constitutional issues, supervision of recreation activities and torts.
Prerequisites: Junior or senior classification; or approval of instructor.

SPMT 330 Application of Leadership Skills in Sport Organizations
Credits 3. 3 Lecture Hours.
Development and application of leadership vision to sport organizations; development of leadership skills that create collaborative and management of groups in sports organizations.
Prerequisites: SPMT 230 with a grade of C or better.

SPMT 333 Sport Management
Credits 3. 3 Lecture Hours.
Introduction to techniques for proper management of programs in physical activities and athletics including the basic physical education instructional program, intercollegiate and interscholastic athletics, intramural and club programs, and alternative athletic programs such as health clubs, corporate fitness centers and YMCA/YWCAs.
Prerequisites: Junior or senior classification; admission to professional phase of program.

SPMT 334 Sport Communication
Credits 3. 3 Lecture Hours.
Communications from the interorganizational level to mass media specific within the unique setting of sport industry.
Prerequisites: Junior or senior classification; sport management majors only or approval of instructor.

SPMT 336 Diversity in Sport Organizations
Credits 3. 3 Lecture Hours.
Examine an encompassing perspective of diversity within North American and international sport organizations.
Prerequisite: Junior or senior classification.
SPMT 337 International Sport Business
Credits 3. 3 Lecture Hours.
The magnitude of global expansion and development of sport familiarity with major firms and organizations on the global scene, major issues in global sports; emphasis on business opportunities available internationally; underlying thesis focuses on the contrasts from the U.S. sport industry to foreign markets.
Prerequisite: Junior or senior classification.

SPMT 340 Sport Governance
Credits 3. 3 Lecture Hours.
Governance and policy development in sport management; managerial activities related to governance, strategic management, ethics in sport, governance and policy development in specific sport contexts.
Prerequisite: Junior or senior classification.

SPMT 402 Pre-Internship Field Experiences
Credit 1. 2 Lab Hours.
Orientation, observations and experiences in preparation for professional internships.
Prerequisites: Senior classification; approved acceptance to field experience.

SPMT 412 Managing Sport Events
Credits 3. 3 Lecture Hours.
Examination of principles involved in planning and managing sport events.
Prerequisites: Junior or senior classification or approval of instructor.

SPMT 420 Sports Facility Planning
Credits 3. 3 Lecture Hours.
Examination of the principles involved in planning and managing sports and recreational facilities.
Prerequisites: Junior or senior classification; admission to professional phase of program or approval of instructor for non-sport management majors.

SPMT 421 Legal Aspects of Sport
Credits 3. 3 Lecture Hours.
Explores the relationship between sport and law, and the fundamentals of law used by sport managers, including contract law, tort law, Constitutional issues, employment and discrimination law, the effect of state and federal statutes on recreational activities and sport, and current legal issues in sports.
Prerequisites: Junior or senior classification; admission to professional phase of program or approval of instructor for non-sport management majors.

SPMT 422 Financing Sport Operations
Credits 3. 3 Lecture Hours.
Study of financial theories and practical application as they impact sport revenues and expenditures; familiarization with current issues and trends in financing sport organizations.
Prerequisites: Junior or senior classification; admission to professional phase of program.

SPMT 423 Marketing Aspects of Sport
Credits 3. 3 Lecture Hours.
Investigation of the rapidly developing sports industry from a marketing perspective; familiarization of marketing terms and tools needed in the sports industry; introduction to the various aspects of marketing that make up the marketing plan.
Prerequisites: Junior or senior classification; admission to professional phase of program.

SPMT 450 Professional Practice in Sport Management
Credits 3. 3 Lecture Hours.
Information, perspectives and skills to promote the management of sports in the community, school, workplace and sport business settings; boundary-crossing partnerships across sport disciplines; the role of collaborative efforts to improve the needs of the sport community.
Prerequisite: Admission to professional phase of program; senior classification.

SPMT 481 Seminar
Credit 1. 1 Lecture Hour.
A variety of topical seminars in communicating contemporary and historical sport management subjects designed to complement the curriculum in sport management. May be taken three times for credit.
Prerequisite: Admission to the professional phase of the sport management program; junior or senior classification; or approval of instructor.

SPMT 482 Professional Writing Seminar
Credit 1. 1 Lecture Hour.
Acquaint students with a primary means of communicating contemporary research in sport management; extensive readings, intensive writings and an oral presentation designed to complement the curriculum in sport management by introducing the application of sport management research to organizational decision making.
Prerequisites: Admission to professional phase of program or approval of instructor; junior or senior classification.

SPMT 483 Practicum in Sport Management
Credits 0 to 3. 0 to 3 Other Hours.
Participation and study in sport management and administration; acquisition and practice of professional and/or clinical skills in sport management. Must be taken on a satisfactory/unsatisfactory basis.
Prerequisites: Admission to professional phase of program; approval of instructor; junior or senior classification.

SPMT 484 Internship in Sport Management
Credits 0 to 12. 0 to 12 Other Hours.
Supervised internship with sport management organizations; acquisition and practice of professional and/or clinical skills in sport management.
Prerequisites: SPMT 402; completion of all coursework.

SPMT 485 Directed Studies
Credits 0 to 4. 0 to 4 Other Hours.
Special problems in sport management assigned to individual students or to groups. May be repeated for credit. Must be taken on a satisfactory/unsatisfactory basis.
Prerequisites: Junior or senior classification; approval of instructor.

SPMT 489 Special Topics in...
Credits 0 to 4. 0 to 4 Lecture Hours.
Selected topics in an identified area of sport management. May be repeated for credit.

SPMT 491 Research
Credits 0 to 4. 0 to 4 Other Hours.
Research conducted under the direction of a faculty member in sport management. May be repeated 4 times for credit.
Prerequisites: Junior or senior classification; approval of instructor.