

# School of Public and Allied Health

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## Purpose and Goals

The School of Public and Allied Health at Prairie View A&M University is ideally situated to respond to ongoing public health crises and the wellness needs of our communities.

Programs in public health prepare students, informed by a behavioral health science approach, for professions dedicated to improving individual, community and population health, eradicating health disparities, and achieving health equity and social justice. As the state of Texas and the country responds to health concerns, such as the recent COVID-19 pandemic, the role of public health in ensuring the delivery of equitable health care to all populations has become evident. The School of Public and Allied Health addresses the role institutions of higher education can play in strengthening public health infrastructure by preparing public health professionals. PVAMU's academically rigorous and relevant interdisciplinary Public Health program is offered to a diverse population of students, whom, upon completion of the program, can think critically, provide leadership, and develop and apply strategies designed to address challenging global public health issues (e.g., COVID-19, Climate Change, Food Insecurities, and Racism and Health).

Programs in health sciences and kinesiology expose candidates to rigorous programs focusing on improving the overall quality of life and prepares them for professional health and kinesiology-related careers. The learning environment is structured to provide a solid foundation for research in rural, urban, and suburban issues affecting health, wellness, sport, and physical fitness. Students are exposed to experiences and intentionally taught how to become morally responsible leaders who think critically, act wisely, and work skillfully to advance various career paths associated with the fields of health, kinesiology, and physical education. In addition, the undergraduate program offers health and fitness activity classes to every Prairie View A&M student for physical activity participation opportunities.

## Admission

Freshman and transfer admission is based on the University's general academic requirements. Transfer credits toward the major or minor must be approved by the department head and dean of the college in which the program is located. Students interested in graduate study must meet all requirements as outlined by the Office of Graduate Studies (<https://catalog.pvamu.edu/admissionsinformationandrequirements/applytograduateschool/>).

## Instructional Organization

Program	Degree Offered
Health Sciences	BS
Kinesiology	BS
Public Health	BA, BS
Health	MS, MED
Physical Education	MED, MS

## Minor in Health

### Health Minor

HLTH 1304	Personal Health and Wellness	3
HLTH 2302	Communicable and Noncommunicable Diseases	3
HLTH 3301	Nutrition	3
HLTH 3304	Consumer Health	3
HLTH 4306	Health and Communities	3
HLTH 4307	Community Health Planning and Assessment	3

**Total Hours**

**18**

## Minor in Public Health

### Public Health Minor

PHLT 1310	Foundation to Public Health	3
PHLT 2325	Biostatistics	3
PHLT 3312	Health Policy & Health Systems	3
PHLT 3320	Determinants of Health and Health Disparities	3
PHLT 3324	Epidemiology	3

PHLT 4302	Global Health	3
<b>Total Hours</b>		<b>18</b>

## Minor in Applied Exercise Science

### Applied Exercise Science Minor

KINE 2307	Psycho-Social Aspects of Sport	3
KINE 2308	Practicum in Kinesiology and Sport <sup>1</sup>	3
HLTH 3301	Nutrition	3
KINE 4308	Administrative Management of Kinesiology	3
KINE 4323	Fitness Program	3
SPMT 4311	Legal Aspects of Sport	3
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> Non-Kinesiology majors enroll in KINE 4303 or KINE 3302.

## Minor in Sports Management

### Sport Management Minor

SPMT 1302	Foundations of Sport Management	3
KINE 2308	Practicum in Kinesiology and Sport <sup>1</sup>	3
MGMT 2320	Leadership and Ethics	3
SPMT 2310	Sport Governance	3
MRKT 3311	Sports, Entertainment, and Event Marketing	3
SPMT 4311	Legal Aspects of Sport	3
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> Non-Kinesiology majors enroll in KINE 4303 or KINE 3302.

## Minor in Kinesiology

### Kinesiology Minor

KINE 1208	Fundamentals of Human Movement	2
HKIN 1112	Conditioning and Self Analysis	1
KINE 1330	Foundation to Kinesiology	3
KINE 3302	Applied Anatomy and Kinesiology	3
HKIN 3366	Exercise Physiology	3
KINE 4303	Measurement and Evaluation	3
KINE 4306	Adapted Physical Activity	3
<b>Total Hours</b>		<b>18</b>

## Minor in eSports and Virtual Reality

### eSports and Virtual Reality Minor

ESPT 1301	Introduction to eSports	3
ESPT 2301	The Business of eSports and Virtual Reality	3
ESPT 3301	eSports and Virtual Reality Physical Training and Rehab	3
KINE 2308	Practicum in Kinesiology and Sport	3
MGMT 2320	Leadership and Ethics	3
SPMT 4311	Legal Aspects of Sport	3
<b>Total Hours</b>		<b>18</b>

## Professional and Service Organizations

### Honor Societies

#### Chi Tau Epsilon Honor Society

Endeavors to support the growth and development of talent and scholarship within university, college, and community college dance programs and to honor outstanding students in the field of dance.

**GPA:** 3.0 or above

**Requirements:** Dance minor/major

**Intake:** Invitation only

#### Eta Sigma Gamma

**Mission:** Promotion of the discipline by elevating the standards, ideals, competence, and ethics of professionally prepared men and women in health education.

Eta Sigma Gamma (ESG) is the Health Honorary organization for men and women who are in the field of Health or Health Education. The mission of the organization is promotion of the discipline by elevating the standards, ideals, competence and ethics of professionally prepared men and women in Health Education. The objectives of the PV Chapter of Eta Sigma Gamma are 1) Epsilon Epsilon to provide the opportunity to become acquainted with and enjoy the fellowship of students and faculty whose professional interests are dedicated to the Health Education discipline; 2) to keep the members informed of recent trends in Health Education; 3) to promote professional growth and leadership; 4) to encourage outstanding people to enter the Health Education field; 5) to evaluate professional standards and ethics of the discipline; 6) to stimulate and recognize research, service, and academic achievement within the membership; and 7) to assist in the professional preparation of Health Education students and faculty at PVAMU. To be eligible for membership, applicants must be either an undergraduate or graduate student with a GPA of 2.75 or higher and have a major or minor in Health or Health Education.

**GPA:** 3.0 or higher

**Requirements:** Health major

**Intake:** Invitation only

#### Phi Epsilon Kappa

**Mission:** Professional fraternity for persons engaged in or pursuing careers in physical education, health, recreation, dance, human performance, exercise science, sports medicine, and sports management.

Phi Epsilon Kappa is a national professional fraternity for persons engaged in pursuing careers in Physical Education, Health, Recreation, Dance, Kinesiology/Human Performance, Exercise Science, Sports Medicine, and Sports Management. Membership is open to persons interested in the purposes of the Fraternity and in providing time and energy for the benefit of these areas.

**Membership:** Open to Prairie View A&M University (PVAMU) Kinesiology students who meet the following requirements:

1. Have at minimum a 3.0 overall grade point average (GPA) at the time of their membership application.
2. Be in good standing with PVAMU.
3. Be declared as a Kinesiology/Human Performance major and/or minor for at least one year and must have enrolled as an undergraduate or graduate student at PVAMU for a minimum of 2 semesters.

## Social Clubs

### Allied Science Professional Society

Empower and direct its members on a guided pathway to prepare for careers (e.g. dpt/pta, ot/dot/ota, atc, pa, dc, pm&r, pharmd, and related professions) As well as ensuring growth of all members for success through development of its members professionally, mentally, and socially.

**GPA:** 3.00+

**Requirements:** Health or Kinesiology major, Department Minors

**Intake:** Application and review of requirements

### Classic Dance Ensemble

The mission of CDE is to achieve excellence through dance, by portraying a commitment to discipline, technique, and dance education.

**GPA:** 2.5 or above

**Requirements:** Technique in Ballet, Modern & Jazz

**Intake:** Completion of CDE Application and Audition

## P.A.H.P.E.R.D

*Panther Association for Health, Physical Education, Recreation and Dance (PAHPERD)* is open to all majors and minors in the department. A grade point average of 2.0 or higher is required for membership. All Health and Kinesiology majors are expected to participate in PAHPERD.

Provide networking opportunities to those students transitioning into the professional atmosphere. Expose students to current trends, activities, and issues in health and physical education. Committed to the development of knowledge and programs that promote active, healthy lifestyles.

**Requirements:** All Health and Kinesiology majors and Dance minor (No GPA required)

**Intake:** Open invitation

## Other Professional Organizations

*American Alliance For Health, Physical Education Recreation, and Dance (AAHPERD)* is an educational organization at the national level that is structured for the purposes of supporting, encouraging, and providing assistance to member groups and their personnel throughout the nation as they seek to initiate, develop, and conduct programs in health, leisure, and movement-related activities for the enrichment of human life.

*National Association of Sport and Physical Education (NASPE)* is a division of AAHPERD which controls the quality of Physical Education and Sport by enhancing knowledge, improving professional practice, and increasing support for high quality physical education, sport, and physical activity programs.

*American Association of Health Educators (AAHE)* is a division of AAHPERD which controls the quality of Health Education programs by advancing the profession by serving health educators and others who strive to promote the health of all people through education and other systematic strategies.

Texas Association For Health, Physical Education, Recreation and Dance (TAHPERD) is the professional organization for the State of Texas which supports the fields of Health, Human Performance, and Dance.

*The American College of Sports Medicine (ACSM)* is the driving professional organization in the Sports Sciences. ACSM promotes and integrates scientific research, education, and practical applications of sports medicine and exercise science to maintain and enhance physical performance, fitness, health, and quality of life.

*The National Commission for Health Education Credentialing (NCHEC)* strives to enhance the professional practice of Health Education by promoting and sustaining a credentialed body of Health Education Specialists. To meet this mission, NCHEC certifies health education specialists, promotes professional development, and strengthens professional preparation and practice.

*The American Council on Exercise (ACE)* is a nonprofit organization committed to enriching quality of life through safe and effective exercise and physical activity. As America's authority on fitness, ACE protects all segments of society against ineffective fitness products, programs and trends through its ongoing public education, outreach and research. ACE further protects the public by setting certification and continuing education standards for fitness professionals.

## The Micro-Credential in Athletic Training

This certificate would serve multiple audiences:

- **Athletic Training Students** seeking to either transition into a Licensed Athletic Trainer in Texas or to advance their education of athletic training by progressing into a graduate athletic training program.
- **Other students** in kinesiology, health sciences, or related majors who seek to distinguish themselves with an applied credential that supplements their future profession.
- **Professionals** (e.g., coaches, personal trainers, physical educators, allied health practitioners) seeking continuing education to strengthen their skill set and advance their careers.
- **Community stakeholders** involved in youth sports, recreational leagues, and fitness organizations who require evidence-based training in injury prevention and care.

The certificate will not only bridge the gap between classroom knowledge and professional practice but also enhance the employability and preparedness of participants. By equipping learners with competencies in injury prevention, basic emergency care, rehabilitation principles, and athlete wellness, the program supports broader institutional goals of community engagement, workforce readiness, and academic innovation.

In addition, offering a micro-credential in Athletic Training positions the division as a leader in responsive, cutting-edge education. It reflects the institution's commitment to interdisciplinary collaboration, applied learning, and addressing the evolving needs of diverse populations in sports and health.

Ultimately, this initiative will expand the impact of the Kinesiology program by preparing learners with recognized, industry-relevant skills while strengthening the institution's reputation as a hub for health, wellness, and performance enhancement education.

## Course Requirements for Micro-Credential in Athletic Training

KINE 4304	Athletic Injuries	3
KINE 4322	Advanced Athletic Injuries	3
KINE 4309	Practicum in Athletic Training	3
KINE 4334	Athletic Injury Assessment	3
<b>Total Hours</b>		<b>12</b>

## Requirements for the Micro-Credential in Health Informatics

Importance of the Micro-Credential in Healthcare Informatics

- Develops competencies in health information systems, data management, and healthcare technologies.
- Supports professional development and career advancement in healthcare, information technology, and health information management.
- Improves the quality and efficiency of healthcare delivery through the effective use of data and digital tools.
- Addresses the growing demand for professionals skilled in electronic health records, data analytics, and healthcare information systems.

This Micro-Credential will provide learners with the knowledge and technical skills needed to manage, analyze, and utilize health information to improve the quality, efficiency, and delivery of healthcare services. The Micro-Credential in Healthcare Informatics is designed to serve multiple audiences, including healthcare professionals, information technology specialists, administrators, public health practitioners, and individuals seeking to advance their careers in the rapidly evolving field of health information management. The program prepares participants to apply data-driven solutions, support clinical decision-making, and enhance patient care through the effective use of health information technologies.

HLTH 2325 or PHLT 2325	Biostatistics Biostatistics	3
PHLT 3306	Technology in Health Communication and Technology in Health	3
HLTH 4305	Health Law and Ethics	3
HLTH 4310	Health Administration and Leadership	3
<b>Total Hours</b>		<b>12</b>

## Health Kinesiology Courses

### ***HKIN 1101 Swimming I: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

### ***HKIN 1106 Gymnastics: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

### ***HKIN 1108 Fundamentals of Golf I: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

### ***HKIN 1109 Badminton I: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

### ***HKIN 1110 Basketball and Volleyball I: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

### ***HKIN 1111 Flag and Touch Football I: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

### ***HKIN 1112 Conditioning and Self Analysis: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

### ***HKIN 1114 Personal Defense Activities: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1120 Aerobic Activities: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1122 Jogging and Track and Field Activities: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1123 Bowling I: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1124 Racquetball: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1125 Wrestling I: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1127 Cycling: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1128 Tennis I: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1129 Archery I: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1130 Weight Training: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1164 Physical Fitness: 1 semester hour.***

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

***HKIN 1306 First Aid, Safety and CPR: 3 semester hours.***

Certification program (The American Red Cross) for emergency care procedures for illness, injury, and cardiopulmonary resuscitation.

***HKIN 2307 Psycho-Social Aspects of Sport: 3 semester hours.***

This course will engage psychological and sociological perspectives toward understanding sports and physical activity as both personal engagements and social phenomena. Topics will include sport-based youth development, mental health and physical activity, performance enhancement, and sport and social issues.

***HKIN 2308 Practicum in Kinesiology and Sport: 3 semester hours.***

This course provides experiential learning opportunities for students to apply and integrate knowledge acquired through coursework, develop skills, clarify values, and develop capacity to contribute to their professional and community organizations. Students will also be able to clarify and broaden their career goals further refining necessary competencies and skills for their proposed career objectives. Work is supervised by personnel within the approved work site.

Prerequisites: KINE 1303 or KINE 1330.

***HKIN 3366 Exercise Physiology: 3 semester hours.***

This course is a study of the physiological bases of exercise and physical conditioning through investigation of the body's response to exercise; measurement of the metabolic efficiency during exercise, neuromuscular efficiency, and body composition.

Prerequisites: (KINE 3023 or HKIN 3302) and (MATH 1113 or MATH 1314).

***HKIN 4304 Athletic Injuries: 3 semester hours.***

Theory and practice of prevention and treatment of athletic injuries; laboratory experience in techniques of massaging and bandaging.

Prerequisites: KINE 3023 or HKIN 3302.

## **Health Courses**

***HLTH 1301 Foundation of Health Education: 3 semester hours.***

This course introduces the student to the health education profession. Roles and responsibilities of health educators in a variety of occupational settings are described.

**HLTH 1302 Human Sexuality: 3 semester hours.**

Examination of the foundations and characteristics of the American family; factors involved in learning sex roles, biological and emotional motivations, preparation for marriage, family planning, and parental roles.

**HLTH 1304 Personal Health and Wellness: 3 semester hours.**

Study of the personal health concepts with emphasis on body systems, emotional health, drug use and abuse, disease, nutrition, and family and community health. Theory and practice in developing, implementing and evaluating philosophies of wellness programs.

**HLTH 1306 Environmental Health: 3 semester hours.**

Health aspects of environment, including health problems related to water, air, and noise pollution, pesticides, population, and radiation.

**HLTH 2302 Communicable and Noncommunicable Diseases: 3 semester hours.**

Nature, prevention, control, and treatment of communicable, chronic, degenerative, and idiopathic human disease, with principles related to causality of disease and to the body's ability to resist.

**HLTH 2303 Aging, Death and Dying: 3 semester hours.**

Examination of the aging process and health problems of the elderly; differing perceptions of death; dimensions of death and dying; euthanasia: and grief and mourning.

**HLTH 2325 Biostatistics: 3 semester hours.**

The purpose of the course is to teach fundamental concepts and techniques of descriptive and inferential statistics with applications in health care, medicine, public health, and epidemiology. Basic statistics, including probability, descriptive statistics, inference for means and proportions, and regression methods are presented. The analytic methods and applications will be linked to topics including health promotion, epidemiology, and program evaluation.

**HLTH 3300 Health Education for the Elementary School: 3 semester hours.**

Fundamentals of health including health problems, interests, school health appraisal, and promotion of a healthful environment. Emphasis on health agencies and organizations on the local, state, and national levels.

**HLTH 3301 Nutrition: 3 semester hours.**

Basic scientific information on nutrition and on its relationship to the biological needs of humans. An analysis and review of the selection and quality of nutrients essential to growth, development, and efficiency.

**HLTH 3302 Mental Health Promotion: 3 semester hours.**

The course is designed to address health issues and problems that various ethnic groups face in the United States. Cultural differences in health behaviors, health care access, and promotion and prevention programs are emphasized.

**HLTH 3303 Research and Contemporary Issues in Health: 3 semester hours.**

Scientific examination of current health concepts. Emphasis on those curricular and evaluative concepts necessary for selecting, appraising, utilizing and analyzing health related materials, resources, and instruments.

**HLTH 3304 Consumer Health: 3 semester hours.**

Investigation and analysis of consumer health problems, with emphasis on the function, organization, and administration of public health services at the local, state, regional and national levels.

**HLTH 3305 Public and Community Health: 3 semester hours.**

Focus on the aspects of the community that relate to health; identification and analysis of community health programs; organizational patterns and functions of voluntary and governmental health agencies; organizing the community for health action; and coordination of school and community health programs.

**HLTH 3309 Drugs and Health: 3 semester hours.**

Focus on substances that modify human behavior and emotions; the nature of drugs; historical and contemporary use; drug abuse; social implications; development and implementation of drug programs; and legislative implications.

**HLTH 3311 Overview of the U.S. Healthcare system: 3 semester hours.**

Overview of the U.S. healthcare system, including its evolution, utilization patterns, providers - human, institutional and organizational - financing, regulating, evaluating, and reforming.

**HLTH 3324 Epidemiology: 3 semester hours.**

This course provides an introduction to the fundamental definitions, terminology, concepts, methods, and critical thinking used in epidemiology. It will help student to identify and describe patterns of disease occurrence using scientific approach.

Prerequisites: PHLT 1310 or MATH 1103 and (ENGL 1123 or ENGL 1301).

**HLTH 3387 Medical Terminology: 3 semester hours.**

Medical terminology is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology through a study of root words, prefixes and suffixes. The study focuses on correct pronunciation, spelling and use of medical terms. Anatomy, physiology, and pathology of disease are discussed.

**HLTH 4199 Independent Study: 1 semester hour.**

Reading, research, and/or field work on selected topics.

**HLTH 4302 Global Health: 3 semester hours.**

This course examines major global health challenges, program and policies. Students will be introduced to a diversity of health and disease. The course will explore global health priorities such as poverty, health inequality, health system reforms, major global initiatives for disease prevention and health promotion.

Prerequisites: PHLT 1310.

**HLTH 4305 Health Law and Ethics: 3 semester hours.**

This course presents an overview of legal and ethical issues facing managers and providers in health care. It provides students with a foundation of health law and ethics and reviews a wide variety of health care legal and ethical situations and dilemmas. The goals are to provide students with practical knowledge of health laws and ethics and their application in the real world of health care.

**HLTH 4306 Health and Communities: 3 semester hours.**

Principles of community health education as a foundation for subsequent consideration of health issues and problems of populations. In-depth focus on assessment and analysis of specific health problems in defined population of client organizations, institutions, and/or community members.

**HLTH 4307 Community Health Planning and Assessment: 3 semester hours.**

Examines the relationship of community health planning and assessment to health education in both urban and rural communities. Emphasizes theory processes and methods applicable to the health care services delivery system.

**HLTH 4308 Problem Solving and Evaluation for Community Health Programs: 3 semester hours.**

Evaluation of psycho-social-cultural health problems and influences on human behavior and health education strategies and outcome measurement.

**HLTH 4310 Health Administration and Leadership: 3 semester hours.**

In-depth study of a narrow range of topics considered to be of immediate concern to the health care industry. Special emphasis on problems unique to managers in the field of health administration. Current trends and problems in health administration affecting health administration technical and professional personnel. Designed to place emphasis in selected areas of administration and management.

**HLTH 4399 Independent Study: 3 semester hours.**

Readings, research, and/or field work on selected topics.

**HLTH 5199 Independent Study: 1 semester hour.**

Readings, research, and/or field work on selected topics.

**HLTH 5304 Alcohol and Drugs: 3 semester hours.**

Development and evaluation of educational approaches for primary and secondary prevention of alcohol and other drug abuse and misuse within populations in elementary and secondary schools, businesses, health agencies, higher education and general communities.

**HLTH 5306 Human Behavior and Health Education: 3 semester hours.**

Analysis of social, psychological and cultural determinants of health related behaviors. Critical review of each factor for interpretation and application in a variety of settings, including classrooms, worksites, health care agencies, and higher education centers.

**HLTH 5307 Epidemiology and Diseases: 3 semester hours.**

Epidemiologic methods for administrators, policy analysts, and education planners. Identification of and analysis factors influencing infections and chronic diseases in groups of people with a variety of community settings, including schools, businesses, industry, and the health care market.

**HLTH 5313 Seminar- Selected Topics: 3 semester hours.**

Etiology, epidemiology and impact of health-related behaviors on illness and wellness within specific populations which may impact school, occupational and community health.

**HLTH 5314 Medical Foundations for Health Professions: 3 semester hours.**

Medical and psychosocial approached to disease detection, prevention and rehabilitation. Emphasis on current trends for the advancement of primary health in school groups, public communities, and special populations.

**HLTH 5317 Nutrition and the Environment: 3 semester hours.**

Understanding natural principles underlying health issues related to human ecology, nutrition, and non-infectious disease control and population problems.

**HLTH 5318 Contemporary Health: 3 semester hours.**

Review of factors relating to selected high morbidity and mortality in urban and rural environments. Study of related psycho-social health problems faced by practicing health educators in a dynamic health care market involving school-based and community-based populations.

**HLTH 5319 Community Health: 3 semester hours.**

Examination of the mission, goals, and policies of community and public health. Current principles, practice models, functions, roles, issues, and policies are critically analyzed.

**HLTH 5399 Independent Study: 3 semester hours.**

Readings, research, and/or field work on selected topics.

## Kinesiology Courses

**KINE 1201 Sports Skills I: 2 semester hours.**

Theory and application of fundamental skills in flag and touch football, soccer, wrestling and gymnastics I.

**KINE 1202 Sports Skills II: 2 semester hours.**

Emphasis given to theory and application skills for fundamentals in badminton, bowling, tennis, and racquetball.

**KINE 1208 Fundamentals of Human Movement: 2 semester hours.**

Theory and practice in movement improvisation, exploration, and rhythmic exercising methods and fundamentals of presenting creative and rhythmic activities to elementary age children.

**KINE 1215 Low Organized Games: 2 semester hours.**

Instruction is offered at beginning levels of skills with emphasis on the development of total fitness and recreational skills for leisure time. All classes are coeducational.

**KINE 1330 Foundation to Kinesiology: 3 semester hours.**

Instruction is offered at beginning levels with emphasis on mechanical principles that regulate human movement, how to analyze movement and how to create the efficient movements possible to increase structure of the human body.

**KINE 2205 Intramural and Recreational Sports: 2 semester hours.**

Theory and practice in organizing and conducting tournaments, meets, and field days.

**KINE 2303 Lifeguarding: 3 semester hours.**

Demonstration and practice in knowledge and skills to prevent, recognize, and respond to aquatics emergencies. Students have opportunity to complete requirements for the American Red Cross Lifeguarding Certification. Recommended proficiency in five basic strokes (front and back crawls; elementary back, side and breast strokes).

**KINE 2304 Coaching Individual and Dual Sports: 3 semester hours.**

This course is designed for majors with intermediate and advanced skills. Students deal with strategy, rules, and court layouts with special emphasis on fundamentals and materials for individual and dual sports.

Prerequisites: KINE 1151 or KINE 1215.

**KINE 2306 Outdoor Performance Activities: 3 semester hours.**

Introduction to outdoor activities with emphasis on principles and purposes; skills and activities for individual and group activities; practices and skills of low and high intensity levels.

**KINE 2307 Psycho-Social Aspects of Sport: 3 semester hours.**

This course will engage psychological and sociological perspectives toward understanding sports and physical activity as both personal engagements and social phenomena. Topics will include sport-based youth development, mental health and physical activity, performance enhancement, and sport and social issues.

**KINE 2308 Practicum in Kinesiology and Sport: 3 semester hours.**

This course provides experiential learning opportunities for students to apply and integrate knowledge acquired through coursework, develop skills, clarify values, and develop capacity to contribute to their professional and community organizations. Students will also be able to clarify and broaden their career goals further refining necessary competencies and skills for their proposed career objectives. Work is supervised by personnel within the approved work site.

Prerequisites: KINE 1303 or KINE 1330.

**KINE 3301 Water Safety Instruction: 3 semester hours.**

Swimming and lifesaving skills required for water safety instruction. Opportunity for completion of requirements for the American Red Cross Water Safety Instructor's Certification.

**KINE 3302 Applied Anatomy and Kinesiology: 3 semester hours.**

A scientific study of the structural kinesiology and biomechanics of human movement.

Prerequisites: (BIOL 2401 or BIOL 1054) and (BIOL 2402 or BIOL 1064) and (KINE 1208 or KINE 1082).

**KINE 3303 Movement Activities for Elementary Children: 3 semester hours.**

Theory of Kinesiology for young children; classroom demonstration and field laboratory assignments. Emphasis is placed on stages of development and gross motor skills.

Prerequisites: (KINE 1151 or KINE 1215) and (KINE 1082 or KINE 1208).

**KINE 3305 Theory and Practice of Officiating: 3 semester hours.**

Treats the theory and practice of officiating selected sports; emphasis on rules, mechanics, and officiating individual, dual and team sports.

Prerequisites: (KINE 1303 or KINE 1330).

**KINE 3306 Theory and Practice of Coaching: 3 semester hours.**

Theory and strategy of coaching football, basketball, and volleyball.

Prerequisites: (KINE 1082 or KINE 1208) and (KINE 1303 or KINE 1330).

**KINE 3365 Motor Learning and Control: 3 semester hours.**

This course is designed to review basic principles of motor control and motor learning with emphasis on the application of these principles in the neurologic population.

Prerequisites: (KINE 1082 or KINE 1208) and (KINE 1303 or KINE 1330).

***KINE 4303 Measurement and Evaluation: 3 semester hours.***

This course is a study of various kinds of tests and test usage in the field of health and kinesiology. Students are exposed to and participate in practical experiences in the 1) construction and administration of tests, 2) application and use of elementary statistics to manipulate data, and 3) interpretation of results.

Prerequisites: KINE 3023 or KINE 3302.

***KINE 4304 Athletic Injuries: 3 semester hours.***

Theory and practice of prevention and treatment of athletic injuries; laboratory experience in techniques of massaging and bandaging.

Prerequisites: KINE 3023 or KINE 3302.

***KINE 4305 Special Topics in Health and Kinesiology: 3 semester hours.***

Detailed study of selected topic and activities.

***KINE 4306 Adapted Physical Activity: 3 semester hours.***

A study of the general organization of programs of therapeutic exercise, recreational sports, and aquatic skills for use in correctional procedures; evaluation and classification of exercises; practice in planning and presenting activities for special programs.

***KINE 4307 Secondary Kinesiology: 3 semester hours.***

Scientific examination of current human movement concepts, emphasis on curricular and evaluative concepts designed to assist the student in selecting, appraising, utilizing and analyzing movement related materials, resources, and instruments.

Prerequisites: KINE 3033 or KINE 3303.

***KINE 4308 Administrative Management of Kinesiology: 3 semester hours.***

This course studies the principles and fundamentals in the organization, administration and supervision of the health, kinesiology, intramural, and athletic programs.

Prerequisites: KINE 1208 and KINE 1217 and BIOL 2301 and BIOL 2101 and BIOL 2302 and BIOL 2102.

***KINE 4309 Practicum in Athletic Training: 3 semester hours.***

Designed to acquaint the Athletic Trainer Intern, Pre-Physical Therapist, and Sports Certified Specialist with the principles of application for an orthopedic examination of the joints and muscles. A hands-on clinical approach to physical assessment and rehabilitation techniques involving basic theories and principles.

Prerequisites: KINE 4232 or KINE 4322.

***KINE 4310 Research Methods: 3 semester hours.***

This course is designed to acclimate students to current research and the research process in their chosen field of study through exploration of scientific writings.

***KINE 4315 Education Preparation: 3 semester hours.***

Detailed study of selected topics and activities.

***KINE 4322 Advanced Athletic Injuries: 3 semester hours.***

This course provides knowledge of clinical procedures with an emphasis on application techniques, therapeutic modalities, therapeutic exercise, and rehabilitative practices.

Prerequisites: KINE 4304 or KINE 4042.

***KINE 4323 Fitness Program: 3 semester hours.***

This course uses health, wellness and fitness assessments to develop healthy lifestyles.

***KINE 4334 Athletic Injury Assessment: 3 semester hours.***

Theory and practice of the evaluation and diagnosis process for musculoskeletal injuries as well as recognition and referral for other injuries and illnesses. Laboratory experience with on and off-field assessment and evaluation procedures.

***KINE 4399 Independent Study: 1-3 semester hour.***

Readings, research and/or field work on selected topics.

***KINE 4619 Internship in Health and Kinesiology: 6 semester hours.***

Supervised study and practice in community, recreation, sports, fitness, and rehabilitation centers, hospitals, clinics, and other approved agencies, organizations and institutions.

Prerequisites: KINE 2308.

## Physical Education Courses

***PHED 5313 Physical Education Curriculum: 3 semester hours.***

Study of activities, aims, objectives, and outcomes as they relate to courses and their construction. Development of a course of study based on individual student needs.

***PHED 5314 Sociology of Sport: 3 semester hours.***

The reasons for studying sport are reviewed, and they include personal development, scholarly study, and professional practice. Since sport is so pervasive in U.S. society, studying its effects and its contribution to society is important. Through studying sport we can recognize historical precedents in sport, health, and physical activity. The sport sciences are categorized in three domains: (1) biophysical, (2) psychosocial, and (3) sociocultural. These three domains contain 10 individual sport sciences, which are integrated and allow us to better use and interpret our knowledge.

***PHED 5330 Research Methods: 3 semester hours.***

Design and methodologies for health education and physical education. Data collection, statistical applications, analyses, interpretation for evaluation and reporting.

***PHED 5350 Teaching Physical Education: 3 semester hours.***

A study of traditional and innovative teaching techniques in physical education, including the practical application of teaching styles.

***PHED 5399 Independent Study: 1-3 semester hour.***

Readings, research and/or field work on selected topics.

## Public Health Courses

***PHLT 1306 Environmental Health: 3 semester hours.***

This course is designed to introduce students to examine human-environment interactions in modern society, including: environmental problems related to life in technologically advanced societies, renewable resources, and the effects of various human activities and enterprises on environments.

***PHLT 1310 Foundation to Public Health: 3 semester hours.***

This course introduces the student to the health education profession. Roles and responsibilities of health educators in a variety of occupational settings are described.

***PHLT 1320 Principles of Health Promotion and Disease Prevention: 3 semester hours.***

This course covers essential content in addressing social and behavioral science concepts for application across public health domains. Material will address theories and applications in public health. The course will focus on three major approaches to public health problems: Psychosocial. The psychosocial unit will include exposure to multiple behavioral theories and application of theory in understanding etiology and planning interventions. Community. The community unit will include a review of community change concepts and theories and exposure to community organizing techniques. Economics and Policy. The economics and policy unit will address such functions as supply and demand, opportunity costs, costs versus benefits, and intended vs. unintended consequences in examining the role of economics and policy change in decision-making about public health.

***PHLT 2325 Biostatistics: 3 semester hours.***

The purpose of the course is to teach fundamental concepts and techniques of descriptive and inferential statistics with applications in health care, medicine, public health, and epidemiology. Basic statistics, including probability, descriptive statistics, inference for means and proportions, and regression methods are presented. The analytic methods and applications will be linked to topics including health promotion, epidemiology, and program evaluation.

***PHLT 2351 Advanced Health Promotion and Disease Prevention: 3 semester hours.***

This course examines personal, social, and environmental factors that influence health-related behaviors as well as the role of individuals, groups, institutions, social structures, and policy in encouraging and discouraging healthy behaviors. The course focuses on behavior change theories and the application of these theories to health promotion.

***PHLT 2383 Multicultural Health Issues: 3 semester hours.***

The course is designed to address health issues and problems that various ethnic groups face in the United States. Cultural differences in health behaviors, health care access, and promotion and prevention programs are emphasized.

***PHLT 3300 Spirituality and Health: 3 semester hours.***

This course is to introduce students to the relationship between spirituality, religion, and health in children and adults. Family beliefs and values will be discussed, as well as their role in treatment and healing.

***PHLT 3305 Public and Community Health: 3 semester hours.***

This course focuses on the aspects of the community that relate to health, identification and analysis of community health programs, organizational patterns and functions of voluntary and governmental health agencies, organizing the community for health action, and coordination of school and community health programs.

***PHLT 3306 Technology in Health Communication and Technology in Health: 3 semester hours.***

The interdisciplinary course introduces students to current tools, technology and applications in the healthcare systems; it allows for critique and analyze of various management programs and technology systems currently available to health care professionals.

***PHLT 3308 Women and Men Health: 3 semester hours.***

This course will explore health issues affecting both males and females. It is designed to empower males and females to make informed decisions about their health and health care.

***PHLT 3310 Scientific Writing: 3 semester hours.***

This course aims to demystify the writing process and teach the fundamentals of effective scientific writing. Instruction will focus primarily on the process of writing and publishing scientific manuscripts but grant writing will also be addressed. The course will be presented in two segments: Part (1) teaches students how to write effectively, concisely, and clearly and part (2) takes them through the preparation of an actual scientific manuscript or grant. Prerequisites: PHLT 1310.

***PHLT 3311 Seminar: 3 semester hours.***

This course introduces a variety of topic, issues, and skills important to the profession of health. Students will be exposed to health certifications and professional organizations representing the field, and promotion resources.

***PHLT 3312 Health Policy & Health Systems: 3 semester hours.***

This course presents an introduction to health policy, i.e., the various ways in which the government plays a role in health and in the provision of health care. Health policies can have a profound effect on quality of life. Accessibility, cost, quality of health care; safety of food, water, and environment; the right to make decisions about our health; these issues are vitally tied to health policies.

Prerequisites: PHLT 1310.

***PHLT 3313 Public Health Administration: 3 semester hours.***

This course is an overview of issues pertaining to local health administration. Emphasis is placed on public sector organizational structures and the challenges they face in changing local and national economies with broad political dimensions. This course will examine the organization and management within public health settings including system influences, leadership, communication, organization behavior, team development, organization design, evaluation, productivity, performance improvement. It will provide an introduction to policy issues in healthcare including state and federal roles in healthcare, the policy process and various healthcare policy and help you explore values and American political processes as they influence health policy.

Prerequisites: PHLT 1310.

***PHLT 3314 Public Health Budget & Personnel: 3 semester hours.***

This course is an overview of issues pertaining to local health administration. Emphasis is placed on public sector organizational structures and the challenges they face in changing local and national economies with broad political dimensions. This course will examine the organization and management within public health settings including system influences, leadership, communication, organization behavior, team development, organization design, evaluation, productivity, performance improvement. It will provide an introduction to policy issues in healthcare including state and federal roles in healthcare, the policy process and various healthcare policy and help you explore values and American political processes as they influence health policy.

Prerequisites: PHLT 2325.

***PHLT 3320 Determinants of Health and Health Disparities: 3 semester hours.***

This course examines how social, economic, environmental, and cultural and lifestyle factors contribute to differences in morbidity and mortality among racial and ethnic minorities. Students will also examine social determinants of population health.

Prerequisites: PHLT 1310.

***PHLT 3324 Epidemiology: 3 semester hours.***

This course provides an introduction to the fundamental definitions, terminology, concepts, methods, and critical thinking used in epidemiology. It will help student to identify and describe patterns of disease occurrence using scientific approach.

Prerequisites: (PHLT 1310 or MATH 1103) and (ENGL 1123 or ENGL 1301).

***PHLT 3327 Human Behavior Theory and Practice: 3 semester hours.***

The purpose of this course is to provide a thorough discussion of the determinants of health-related behavior, health behavior theory (HBT), and how theory can be utilized in health education and behavior research and practice. Emphasis will be placed on how various theories of health behavior are used to design, implement, and evaluate behavior change and health education interventions. This course focuses on the presentation and critical analysis of the role of theory in health promotion and eliciting behavior change, the description of different theories being utilized in behavior change interventions and the application and evaluation of these theories in practice. One course, however, cannot possibly cover all theories relevant to health behavior, health education, and health promotion. The intent of this course, therefore, is not to provide definitive coverage of theory, but rather to introduce and prepare health education and behavior graduate students for continued work using select health behavior theories throughout their professional careers.

Prerequisites: PHLT 1306 or HLTH 1306.

***PHLT 3341 Geography of Health/GIS Mapping: 3 semester hours.***

This course offers a critical geographic perspective to human health issues, examining disease distributions, how changing relationships between people and their environments (natural, built, and social environments) influence health, and different approaches to the study of health in geography. It also examines how GIS is used throughout the health care industry and public health. Covers environmental health, disease surveillance, and health services research. Students critically review current literature and gain hands-on experience with GIS software.

Prerequisites: PHLT 1306 and PHLT 2325.

***PHLT 3342 Nutrition and Disease: 3 semester hours.***

This course covers issues in public health related to how nutrition is used for chronic disease prevention. The process of effectively and efficiently identifying, reading, and synthesizing existing sources of reliable information on particular diet disease associations will be covered extensively as will applying this knowledge in a public health context. We will focus on the relation of nutrition to obesity, diabetes, coronary heart disease, hypertension, cancer, addiction-related health problems, mental illness, food-borne and water-borne diseases, and selected additional health outcomes of public health significance in the U.S.

Prerequisites: PHLT 2351.

***PHLT 4302 Global Health: 3 semester hours.***

This course examines major global health challenges, program and policies. Students will be introduced to a diversity of health and disease. The course will explore global health priorities such as poverty, health inequality, health system reforms, major global initiatives for disease prevention and health promotion.

Prerequisites: PHLT 1310.

***PHLT 4307 Community Planning and Assessment: 3 semester hours.***

This course examines the relationship of community health planning and assessment to health education in both urban and rural communities. Emphasizes theory processes and methods applicable to the health care services delivery system. (Student will plan and implement a community health program.)

***PHLT 4308 Program and Evaluation and Problem Solving: 3 semester hours.***

This course focuses on the evaluation of psycho-social-cultural health problems and influences on human behavior and health education strategies and outcome measurement.

***PHLT 4313 Research Methodology: 3 semester hours.***

This course provides students with fundamental principles of research methodologies relevant to public health research. We will review a range of methodologies, including randomized controlled trials, observational studies, and mixed-method approaches. We will develop enhanced capacity to understand and critically appraise data from scientific studies.

***PHLT 4389 Internship Capstone: 3 semester hours.***

An internship will consist of meaningful work experience in the public health field. This context of experiential learning is designed for professional development as course content is integrated into work experience. Students also significantly contribute to area organizations through an internship. Prerequisites: PHLT 1310 and PHLT 3305.

## **Sport Management Courses**

***SPMT 1302 Foundations of Sport Management: 3 semester hours.***

This course studies the intricacies involved in the management and leadership of sport programs in health, kinesiology and sports management. Specific management techniques, administration techniques and theories will be studied to provide the foundation for effective leadership and supervision of sport programs. This course will also provide a study of administrative considerations of various sport programs, including aims, policies, principles, staffing, scheduling, finance, facilities and equipment, maintenance, legal considerations, risk management, publicity, and program evaluation.

***SPMT 2310 Sport Governance: 3 semester hours.***

This course is designed as an in-depth study of major sport governing agencies. Specifically, the students will study the organizational structure, constitutions, policies, procedures, and membership requirements of sport agencies at the state, national, and international levels. The course will also provide an introduction to sport governance, managerial activities related to governance, strategic management and policy development, ethics in sport organizations, scholastic sport, amateur sport in the community, campus recreation, intercollegiate athletics, major games in amateur sport, Olympic Sport, Paralympics sport, North American Professional sport, international professional sport, and the future of sport governance, among other topics of interest relating to sport governance.

Prerequisites: SPMT 1302.

***SPMT 4311 Legal Aspects of Sport: 3 semester hours.***

This course reviews legal foundations and issues specific to recreation and sport management. A theoretical approach to litigation with emphases on risk management, the safety of participants, and the appropriate ethical behavior of service providers will be introduced. Opportunities for practical experience will be provided.