

# TEMPLE UNIVERSITY DEPARTMENT OF KINESIOLOGY

### UNDERGRADUATE HANDBOOK

POLICIES AND PRACTICES
FOR STUDENTS AND ADVISORS

2011-2012

#### **Academic Programs**

Athletic Training Education Program

Exercise and Sport Science – Fitness/Wellness

Exercise and Sport Science – Fitness/Wellness/Pre-Health

Physical and Health Education Teacher Education

Pre-Health Professions/DPT Program

Pre-Health Professions Program

### Table of Contents

Kinesiology Faculty and Staff	3 -
Admission Requirements	5 -
Academic Policies	6 -
Academic Grievance Procedures	6 -
Kinesiology: The Discipline of Human Movement	7 -
General Education Requirements	8 -
Kinesiology Core	10 -
Forms of Movement - Experiencing Physical Activity	11 -
Professional Options	12 -
Athletic Training	13 -
Required Courses in the Athletic Training Program	14 -
Exercise and Sport Science	15 -
Required Courses in the Fitness/Wellness Program	16 -
Fitness/Wellness/Pre-Professional – Option 2	17 -
Required Courses in the Fitness/Wellness/Pre-Professional Program	18 -
Physical Health Education Teacher Education (PHETE)	19 -
Required Courses in the Physical and Health Education Certification Program	20 -
Pre-Health Professions Program	21 -
Required Courses in the Pre-Health Professional Program	22 -
Semester Course Offerings	23 -
Independent Study	24 -
Internship and Field Experience Policies	25 -
Graduation Policies	26 -
Deadlines for Notice of Anticipation of Graduation	27 -
Academic Honors	27 -
Awards Calendar and Criteria	28 -
Athletic Training Education Program	29 -
Exercise and Sport Science – Fitness/Wellness Program	30 -
Exercise & Sport Science – Fitness/Wellness/ Pre-Health Program <sup>1</sup>	31 -
Physical & Health Education Teacher Education (PHETE) Program	32 -
Pre-Health Professions Program	33 -
Pre-Health Professions / DPT Program	34 -

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#### **Main Campus**

TEMPLE UNIVERSITY

2. Anderson Hall (AB, AC, AL) 3. Annenberg Hall (AH) Atlantic Terminal (privately developed housing)

8. Barton Hall (Physical Science) 8A. Barton A 8B. Barton B

28. The Liacouras Center 29A. Esther Boyer Theater 29B. Independence Blue Cross Recreation Center

29. McGonigle Hall (MG)

31. Mitten Hall (Diamond Club) 32. Newman Center

33. "1940" (student housing)

34. Oxford Village
(privately developed housing)
35. Paley Library (PL)

30. Messiah College

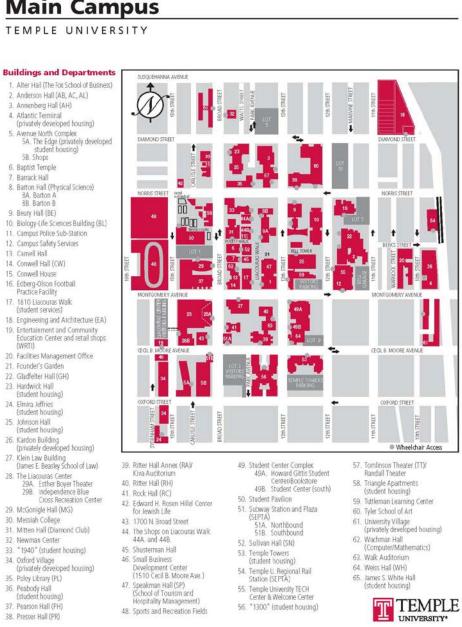
36. Peabody Hall (student housing)

37. Pearson Hall (PH)

38. Presser Hall (PR)

6. Baptist Temple 7. Barrack Hall

9. Beury Hall (BE) 10. Biology-Life Sciences Building (BL) 11. Campus Police Sub-Station 12. Campus Safety Services 13. Carnell Hall 14. Conwell Hall (CW) 15. Conwell House 16. Edberg-Olson Football Practice Facility 17. 1810 Liacouras Walk (student services) 18. Engineering and Architecture (EA) 19. Entertainment and Community Education Center and retail shops (WRTI) 20. Facilities Management Office 21. Founder's Garden 22. Gladfelter Hall (GH) 23. Hardwick Hall (student housing) 24. Elmira Jeffries (student housing) 25. Johnson Hall (student housing) 26. Kardon Building (privately developed housing) 27. Klein Law Building (James E. Beasley School of Law)



#### Admission Requirements

Temple University was founded in 1884, and became a state-related institution in the Commonwealth System of Higher Education in 1965. From its roots in the historic and cultural richness of Philadelphia, Temple has become a major international university and a world-class center of teaching, research, and health care. Through its 16 schools and colleges Temple University offers undergraduate degree programs in 127 areas. For additional information about Temple, visit <a href="www.temple.edu">www.temple.edu</a> and for admissions information and the online application see <a href="www.temple.edu/undergrad">www.temple.edu/undergrad</a>.

#### Freshman Applicants

If you are applying directly from high school or have taken fewer than 15 college credits, you should apply as a freshman. Generally students with a solid B average and an SAT score of 1050 or better are offered admission.

#### Transfer Applicants

Temple welcomes transfer students from accredited two and four year colleges and universities who have completed at least 15 college level credits and demonstrated the ability to perform well at the college level. SAT or ACT scores need **not** be submitted unless specifically requested by the admissions office. To graduate with a Temple degree, students must successfully complete at **least 30 of their last 45** credits at Temple as a matriculated (degree-seeking) student. There is otherwise no limit on the number of transfer credits that can be accepted provided they meet specific program requirements.

Transfer students who have completed 45+ credits prior to enrolling at Temple University are required to complete a modified University Core. Students with specially designated associate's degrees which have met the University Core requirement are admitted through core to core articulation agreements. These students are still required to take two (2) writing intensive courses at Temple.

Transfer students who wish to complete the Athletic Training or Teacher Education (PHETE) programs should prepare themselves to transfer to Temple after one year. To delay beyond one year will usually postpone "formal" admission to the programs and therefore delay your timely graduation.

#### Becoming a Kinesiology Major

Prospective Kinesiology majors are admitted directly into the Department via the College of Health Professions and Social Work. On the application for admission, please note that programs leading to a Bachelors degree in Kinesiology are housed on the Main campus **only**. The Department of Kinesiology is a part of the **College of Health Professions and Social Work** and the College Code is 049. Your major is **Kinesiology** (Code 04912) and you might also indicate your program of study if that has been determined (e.g., "Exercise and Sport Science").

#### Academic Policies

At Temple University, academic policies and regulations generally apply to all undergraduate students and provide a framework within which schools and colleges may specify further conditions or variations appropriate to students in their courses or programs. Students are directed to <a href="www.temple.edu/bulletin/Academic\_policies/policies\_list/policies\_list.shtm">www.temple.edu/bulletin/Academic\_policies/policies\_list/policies\_list.shtm</a> for more specific information. As stated in the Bulletin, these academic policies and regulations are announcements only, and in no way serve as a contract between the student and Temple University.

To remain in good standing in the University, a matriculated undergraduate student must achieve a semester grade point average (GPA) of a least 2.0 (C) for each semester and maintain a cumulative grade point average (CGPA) of at least 2.0 for all work completed at Temple University.

A student will receive notification of **Academic Warning** if his/her semester GPA falls below 2.0. A student on academic warning cannot register for courses on-line or by telephone, and must meet with his/her advisor to register.

**Academic Probation** is a sanction given to a student whose CGPA is below 2.0 after having accumulated 24 credits. A CGPA below 2.0 results in the accumulation of deficiency points. Students can remove deficiency points by achieving C+ grades or higher in subsequent courses. Students on academic probation at the end of the spring semester are not eligible for financial aid or for university housing for the following academic year unless deficiency points are eliminated through additional coursework in summer school. Students on academic probation cannot register for courses on-line or by telephone and must meet with their advisor to register and plan effective ways to clear deficiency points.

#### Academic Grievance Procedures

Only a final course grade may be appealed and must be in writing. Concerns regarding individual assignments such as examinations, term projects/papers, lab grades, and the like are to be handled between the course instructor (or coordinator) and the student.

The appeal of a final grade must be of a substantive nature. The written appeal must contain material to support the student's contention of inappropriate grade assignment and must identify the specific outcome the appellant wishes to effect, with evidence to support the desired outcome.

Following review of an appeal, one of two actions may be recommended: the grade may be supported as originally recorded or the faculty member may review and/or recalculate the grade in question and record accordingly.

The aforementioned procedure is a student-initiated one and the responsibility to keep the action in progress rests primary with the student. It is understood that the time frame stated must be adhered to and that in case of pending graduation this procedure would be made more expedient through mutual cooperation of all parties involved. The student is referred to the Appeal of Grades Procedures, College of Health Professions and Social Work,

 $\frac{http://chpsw.temple.edu/sites/default/files/imce\_uploads/chpsw/CHP\ Undergraduate}{Handbook[2010-11].pdf}$ 

#### Kinesiology: The Discipline of Human Movement

-The American Academy of Kinesiology and Physical Education

Kinesiology refers to the study of movement. In American higher education, the term is used to describe a multifaceted field of study in which movement or physical activity is the intellectual focus. Physical activity includes exercise for improvement of health and physical fitness, activities of daily living, work, sport, dance, and play, and involves special population groups such as, children and the elderly; persons with disabilities, injuries or disease; and athletes. Kinesiology is a common name for college and university academic departments that include many specialized areas of study in which the causes and consequences of physical activity are examined from different perspectives. The specialized areas of study apply knowledge, methods of inquiry, and principles from traditional areas of study in the arts, humanities, and sciences. These areas include exercise and sport biomechanics, history, philosophy, physiology, biochemistry and molecular/cellular physiology, psychology, and sociology; motor behavior; measurement; physical fitness; pedagogy, and sports medicine. An interdisciplinary approach involving several of these areas is often used in addressing problems of importance to society. The study of Kinesiology can lead to a variety of careers involving teaching, research, coaching and delivery of services related to physical activity and fitness, health promotion, rehabilitation and sports medicine. Positions are found in a variety of settings including schools, colleges and universities, public and private agencies, clinical environments, government, business, the military, and hospitals.

#### The primary aims of Kinesiology are:

- understanding the human body's physiological and psychological responses to acute shortterm physical activity,
- understanding the various adaptations of the human body to chronic of long-term physical activity,
- understanding the cultural, social, and historical importance of physical activity,
- understanding the mechanical qualities of movement,
- understanding the processes that control human movement and the factors that affect the acquisition of motor skills, and
- understanding the psychological effects of physical activity on human behavior.

To achieve these aims, teaching and research in Kinesiology require the use of a variety of scientific knowledge and research techniques from such fields as biology, chemistry, history, physics, psychology, and sociology. Therefore the undergraduate program in Kinesiology leading to the Bachelor of Science degree requires students to complete course work in three broad areas: the University General Education curriculum (Gen Ed), the Kinesiology Core, and a Professional application of the Discipline of Kinesiology.

#### General Education Requirements

The General Education (GenEd) program serves as Temple University's liberal education requirements for all undergraduate students admitted as freshman beginning Fall 2008 and for all transfer students who are admitted to Temple for Fall 2010 and beyond. GenEd classes draw connections between academic knowledge and current controversies. From global terrorism to global climate change, from digital mapping to the future of television, GenEd classes will involve looking at cutting edge issues from multiple perspectives. GenEd draws connections too with the city of Philadelphia, as classroom study is integrated with Temple's dynamic urban environment.

Gen Ed courses are exciting because they make connections between what students are studying and what really matters -- to students and to their futures. Students will be personally engaged in a Gen Ed course, as they develop their own opinions and discuss and debate controversial issues. Some Gen Ed classes will connect to current controversies: Philosophy in the light of illegal digital downloading; Evolutionary theory in the light of creationism; Biology in the light of the genetic patents. Some Gen Ed classes make connections among areas of study: Shakespeare through literature, dance and music; American culture through political science, history and the arts; Sustainability through geology, landscape architecture and ethics. Some Gen Ed courses make connections by giving students real experiences off-campus: Enriching the study of education policy by going into city schools and community centers; Enriching the study of criminal justice by taking mixed classes with inmates in local prisons; Enriching the study of community arts by working on a mosaic in a neighborhood park. Gen Ed is designed to prepare students to deal with a world where complicated issues call for the ability to see a problem from many different perspectives.

Philadelphia provides the context for much of the new program. Whether it is an arts course that takes students to museums, operas, and alleyways; or a history course that brings students into contact with non-profit organizations; or a quantitative literacy course that has students grappling with data from Philadelphia Inquirer archives; we will mine the richness of our urban setting.

#### General Education courses must help students:

- 1. Develop thinking, learning and communication skills;
- 2. Develop skills in identifying, accessing and evaluating sources of information; and
- 3. Promote curiosity and life-long learning.

#### Additional desirable goals include courses that encourage:

- 1. Ethical reflection, civic engagement and awareness of current issues;
- 2. Collaborative learning and teamwork skills;
- 3. Understanding of and appreciating Temple's urban regional setting;
- 4. Understanding issues related to globalization;
- 5. Understanding issues related to sustainability; and
- 6. Community based learning.

To this end, there are nine critical areas to provide the backbone for Temple University's General Education program. The table below identifies each of the nine areas.

Area Credits
Analytical Reading and Writing (GW)4
Quantitative Literacy (GQ)*
Mosaic I (GY)
Mosaic II (GZ)
Arts (GA)
Human Behavior (GB)
Race and Diversity (GD)
Global/World Society (GG)
Science/Technology (GS)**6
U.S. Society (GU)

Additional information about Temple University's General Education requirement can be found in the Undergraduate Bulletin through the following link: <a href="http://www.temple.edu/bulletin/Academic\_programs/general\_education/index.shtm">http://www.temple.edu/bulletin/Academic\_programs/general\_education/index.shtm</a>

Advanced transfer students (45+ credits) and GenEd to GenEd transfer students with articulation agreements from certain community colleges may have their GenEd requirements modified according to each respective agreement. In order to review what GenEd requirements fit your situation, you can review it in the Undergraduate Bulletin through the following link: <a href="http://www.temple.edu/vpus/transfer/TransferGenEd.htm">http://www.temple.edu/vpus/transfer/TransferGenEd.htm</a>

<sup>\*</sup> The *Quantitative Literacy requirement* can be satisfied by completion of a course designated as GQ or completion of Math 1031, 1041, 1042, 1941, 1942, 2043, Statistics 2101, 2102, 2103 or 2903.

<sup>\*\*</sup> The *Science & Technology requirement* must be satisfied by completing KN 1223 and KN 1224. Students must complete the entire sequence to satisfy the Gen Ed Science & Technology requirement.

#### Kinesiology Core

Kinesiology is a discipline (body of knowledge) that attempts to understand the phenomenon of physical activity. Physical activity being defined as intentional, voluntary movement directed toward achieving an identifiable goal. Physical activity takes on a variety of forms, but one thing is certain, it is essential for life. The Kinesiologist seeks to understand why we move; what physical, psychological, philosophical, and social factors influence, and are influenced by our movement. The application of the discipline is the fulfillment of one's full human potential via active participation is in a wide variety of forms of movement - **MOVE TO LIVE.** 

All students enrolled in the undergraduate Kinesiology program study the Core of the Discipline. These are courses that emphasize the theoretical and conceptual bases of physical activity and are considered foundational for the professional applications. Additionally, students acquire experiential knowledge by fulfilling the forms of movement requirement. All students will experience physical activity by participating in a variety of activity (forms of movement) classes.

#### Kinesiology Core

Kinesiology	1201	Introduction to Kinesiology
Kinesiology	2203	Physiology of Physical Activity (Pre-req - KN 1224)
Kinesiology	2204	Motor Behavior
Kinesiology	3202	Biomechanics of Physical Activity (Pre-req - KN 1223
Kinesiology	3296	Social-Psych of Physical Activity (Pre-req - English 1002)
Kinesiology	4279	History and Philosophy of Kinesiology (Pre-req – KN 3296 and 2 of 3: KN 2203, 2204, & 3202.

All Prerequisite Courses and all Kinesiology Core courses must be completed with a grade of C- or higher.

#### Forms of Movement - Experiencing Physical Activity

Human movement takes many forms. People use these various forms; work, play, sport, fitness, aquatics, and survival to achieve their purposes and meet their needs. A student in the Discipline of Kinesiology should be competent in at least some of these various forms of movement. As part of the Kinesiology Core, students must demonstrate competency by completing four (4) forms of movement (activity) classes. They must complete at least one activity in each of the four (4) categories listed below.

### Category 1 Fitness Activities

#### Category 2 Lifestyle Activities

- Concepts in Health Related Fitness
- Aerobic Fitness and Dance
- Advanced Aerobic Fitness and Dance
- Weight Training
- Advanced Weight Training
- Fitness for Life
- Walking and Jogging
- Other \_\_\_\_\_

- Badminton
- Basketball
- Field Hockey
- Golf
- Racquetball
- Tennis
- Volleyball
- Yoga
- Dance \_\_\_\_\_
- Other \_\_\_\_\_

## Category 3 Survival Activities

# Category 4 Aquatic Activities

- Aikido
- Asian Martial Arts
- Backpacking/Camping
- Fencing
- Intermediate Aikido
- Karate
- Orienteering
- Adventure
- Rock Climbing
- Tae Kwon Do
- Advanced Tae Kwon Do
- Personal Self Defense for Women
- Other\_\_\_\_\_

- Life Saving
- The Art and Science of Sailing
- SCUBA Diving
- Advanced SCUBA Diving
- Swimming
- Water Aerobics
- Water Safety Instructor
- Other \_\_\_\_\_

#### Professional Options within the Department of Kinesiology

There are many ways of applying the Discipline of Kinesiology professionally. The Department of Kinesiology offers the following professional practice programs:

Athletic Training Major
Exercise and Sport Science
Option 1 - Fitness/Wellness
Option 2 - Fitness/Wellness/Pre-Professional
Teacher Preparation (PHETE)
Kinesiology, Pre-Health Professional Program

These programs are intended to provide students with the professional practice, knowledge, and specialized skills to serve professionally in a variety of challenging and rewarding real-world vocations. Many of these vocations require that students be graduated from a certified or sanctioned undergraduate program. These vocations might also require additional certification at the State or Association level. Students can seek additional information regarding the professional practice programs by contacting the following program coordinators:

Athletic Training - Dr. Dani Moffit, (dani.moffit@temple.edu)

Exercise and Sport Science - Dr. William E. Oddou (weoddou@temple.edu)

Teacher Education (PHETE) - Dr. Rick Swalm (<a href="mailto:rswalm@temple.edu">rswalm@temple.edu</a>)

Pre-Health Professional Program – Dr. Lois Burcher (tuz99844@temple.edu)

Students are also encouraged to seek additional information regarding professional practices from the following associations:

American Alliance for Health, Physical Education, Recreation and Dance (AAHPERD) – <a href="https://www.aahperd.org">www.aahperd.org</a>

PA State Association for Health, Physical Education, Recreation and Dance (PSAHPERD) - www.psahperd.org

American College of Sports Medicine (ACSM) - www.acsm.org

National Athletic Trainer's Association (NATA) - www.nata.org

National Strength and Conditioning Association (NSCA) - www.nsca-lift.org

American Physical Therapy Association (NPTA) - www.apta.org

American Occupational Therapy Association (AOTA) - www.aota.org

#### Bachelor of Science Degree in Athletic Training

The athletic training education program (ATEP) housed in the Department of Kinesiology is designed to prepare students for certification as athletic trainers by the Board of Certification (BOC). This major is approved by the Commission on Accreditation of Athletic Training Education (CAATE). Students who successfully complete a degree program and all athletic training program requirements are eligible to sit for the BOC certification examination and for licensure in the Commonwealth of Pennsylvania.

Program requirements include completion of course work taken to develop the competencies necessary to prevent, identify, rehabilitate, and care of athletic injuries. The program of study extends over seven semesters beginning in the Spring of the Freshman year. Students may transfer into the program as upperclassmen; however the length of the program will be no shorter than three years.

The mission of the ATEP is the professional preparation of students to become BOC certified athletic trainers. Furthermore, the mission of the program is to produce clinicians who display sound decision-making and good judgments through critical thinking and analysis of salient facts. The program is designed to provide the learning opportunities necessary for the student to:

- 1. Develop the competencies required of an entry-level BOC certified athletic trainer.
- 2. Obtain formal instruction of appropriate knowledge and skills in a structured classroom environment.
- 3. Develop specific technical knowledge and skills through direct application in athletic training/sport medicine settings.

The Athletic Training Program of study is approximately 52 credit hours beyond the Kinesiology core and forms of movement requirement. Persons wishing additional information about this program should contact the program coordinator or refer to the Undergraduate Athletic Training Program Handbook, or the web page at: http://chpsw.temple.edu/kinesiology/programsoffered/undergraduate-bachelor-sciencebatbs/bachelor-athletic-training-bat. This program can be combined with other programs; however students should be advised that it will require extra time.



### Required Courses in the Athletic Training Program

University General Education requirement

Chrysley Constar Education requirement							
Kinesiology Core requirement							
KN 1442Basic Techniques in Athletic Training							
KN 1444Movement Injuries: Prevention and + Care							
KN 2421Emergency Medical Care for Health Professionals							
KN 2431Pharmacology							
KN 2441Lower Extremities: Assessment and Treatment of Injuries							
KN 2442Upper Extremities: Assessment and Treatment of Injuries							
KN 3441Therapeutic Modalities in Athletic Training							
KN 3442Therapeutic Exercise							
KN 3443Head, Neck, and Spine: Assessment and Treatment of Injuries							
KN 3444General Medical Conditions in Athletic Training							
KN 3487Practicum in Athletic Training I							
KN 3687Practicum in Athletic Training II							
KN 4311Advanced Physiology of Exercise							
KN 4314Neuromuscular Principles in Strength and Conditioning							
KN 4443Organization and Administration in Athletic Training							
KN 4450Special Topics in Athletic Training							
KN 4487Practicum in Athletic Training III							
KN 4687Practicum in Athletic Training IV							
PH 1104Nutrition and Health							

All program courses must be completed with a grade of C- or higher.

#### Bachelor of Science Degree in Kinesiology Exercise and Sport Science

Exercise and Sport Science has been a program option in the Department of Kinesiology for more than 30 years. In that time the program has grown and developed into a vital and dynamic area of study and many rewarding professional applications. The exercise and sport scientist understands the complexity of the human body and the interaction among physical activity, exercise, and good health. The improved function, health, and well-being of the total person-Body, Mind, and Spirit are the ultimate goals of professionals in this field.

Exercise scientists apply their knowledge, skills, and beliefs to all people regardless of gender, age, social status, current health-related fitness level, or disease state. Wherever there is a need to improve function ability, health-fitness, medical prognosis, optimal aging, or wellness, one will find an exercise scientist providing leadership in programs that help individuals optimize their lives and health. In summary, exercise science is a stimulating area of study and a rewarding professional application with a very bright future.

The Department of Kinesiology offers two options in Exercise and Sport Science at the undergraduate level. They are:

Option 1: Fitness/Wellness 4-Year Plan

Option 2: Fitness/Wellness/Pre-Professional 4-Year Plan

#### Fitness and Wellness – Option 1

This undergraduate program at Temple University combines the study of the Discipline of Kinesiology with the specific knowledge, skills, and beliefs required for success in a variety of professional settings. The program meets or exceeds the recommendations for undergraduate preparation for both the Health-Fitness Specialist and the Exercise Specialist certification as recommended by the American College of Sports Medicine (ACSM) and for the Certification Programs of the National Strength and Conditioning Association (NSCA). The curriculum also meets the recommendations and suggested competencies set forward by the National Association for Sport and Physical Education (NASPE) for exercise science programs. Successful graduates of the exercise and sport science program go on to apply their degrees in a variety of professional settings whose primary focus is in the following areas:

- 1. Sports Specific Fitness (Strength and Conditioning Coach)
- 2. Performance Enhancement (Conditioning and Personal Training)
- 3. Adult Fitness
- 4. Health-Related Fitness
- 5. Employee Health and Fitness
- 6. Community Health and Fitness
- 7. Geriatric Health and Fitness (Optimal Aging)
- 8. Therapeutic Exercise (Exercise Specialist)



Successful exercise and sport science graduates most often find entry-level positions in closely supervised health-fitness programs within business and industry or in a variety of clinical exercise settings. These settings provide health-fitness and wellness services to members of special populations such as the athlete, the adult worker, the obese individual, the diabetic, or the victim of cardiovascular disease. The third generation commercial fitness center, the community-based programs such as those offered by the Young Men's Christian Association (YMCA), as well as personal training opportunities provide meaningful and relevant work for the exercise scientist.

Interest in fitness and health continues to grow, and as it does, the exercise scientist will be there as a resource to help optimize the exercise, physical activity, and lifestyle management programs for all people. The goal of exercise science remains to help all individuals achieve an optimal level of well-being and to maximize their full physical potential.

The Fitness/Wellness program is a four-year program of study with approximately 65 hours of course work and a full semester internship. The required courses and the suggested semester-by-semester plan are as follows:

#### Required Courses in the Fitness/Wellness Program

University General Education requirement

Kinesiology Core requirement

KN 1444	Movement Injuries: Prevention and Care
KN 2362	Introduction to Exercise and Sport Science
KN 2364	Applied Technologies in Kinesiology
KN 3363	Basic Electrocardiography
KN 3368	Principles of Health Fitness Program Management
KN 4311	Advanced Physiology of Exercise
KN 4312	Exercise and Nutrient Metabolism
KN 4313	Exercise and Aging
KN 4314	Neuromuscular Principles in Strength and Conditioning
KN 4334	Graded Exercise Testing and Exercise Program Management
KN 4385	Internship in Exercise and Sport Science
PH 1104	Nutrition and Health
PH 3103	Health Counseling

All program courses must be completed with a grade of C- or higher.

Advanced First Aid/CPR/AED or equivalence

#### Fitness/Wellness/Pre-Professional - Option 2

Increasingly, undergraduate students completing their degrees in the Department of Kinesiology are continuing their educations in a variety of allied health and professional programs. Such programs include: law, medicine, physician's assistant, nursing, physical therapy, occupational therapy, nutrition, and exercise physiology. All such programs require the highest of academic achievement and the dedication to serve people as they seek improved health and well-being.

The Fitness/Wellness/Pre-Professional program provides the foundation for continued study in the allied health professions. More importantly the program establishes the philosophical basis for the role of physical activity in the lives and health of the people we serve. Through the curriculum in the Department of Kinesiology, students will come to understand the physical body and how it moves. They will also be exposed to the social-psychological aspects of human movement. Through their studies, students will develop an understanding and appreciation of the human body and its tremendous potential. They will come to understand the association between positive lifestyle choices and long-term improvements in health and well-being. This knowledge and understanding is ideal for those students headed toward the allied health professions as well as graduate work in the physiology of exercise.

The Fitness/Wellness/Pre-Professional program is an academically rigorous undergraduate program, as are the requirements for entry into most allied health professional programs. The program combines the department's Exercise Science professional application courses with a standard set of prerequisite courses desired by most professional schools. In no way will the curriculum match up with all the possible prerequisites for the various programs mentioned above. Students are advised to check with a number of professional schools to determine the exact set of prerequisites. An attempt to incorporate these will be made, but it usually requires summer school or additional semesters of work during the undergraduate years.

This program is not designed for all students. Selected students must be committed to academic excellence. They must be committed to their major and philosophically open or grounded in the tenants of exercise and sports science. Students must also exhibit positive lifestyles and master an understanding of the health-related fitness benefits derived from physical activity.

#### Required Courses in the Fitness/Wellness/Pre-Professional Program

University General Education requirement

Kinesiology Core requirement

KN 1444......Movement Injuries: Prevention and Care

KN 2362.....Introduction to Exercise and Sport Science

KN 2364.....Applied Tech in Kinesiology

KN 3363.....Basic Electrocardiography

KN 4311.....Advanced Physiology of Exercise

KN 4312.....Exercise and Nutrient Metabolism

KN 4313.....Exercise and Aging

KN 4314.....Neuromuscular Principles in Strength and Conditioning

KN 4334.....Exercise Testing and Exercise Program Management

KN 4385.....Internship in Exercise and Sport Science (Optional)

PH 1104 .....Nutrition and Health

Chem 1031-2.....General Chemistry I

Chem 1033-4.....General Chemistry II

Bio 1011.....General Biology I

Bio 1012.....General Biology II

Physics 1021 ......College Physics I

Physics 1022 ......College Physics II

Advanced Psychology (2000 or above)

Advanced Sociology (2000 or above)

Statistics (Stat 2101, Math 1013, Psych 1167, or Soc 1167)

Advanced First Aid/CPR/AED or equivalence

All program courses must be completed with a grade of C- or higher.

#### Bachelor of Science Degree in Kinesiology Physical Health Education Teacher Education (PHETE) Teaching Certification

If you enjoy working with young people and affecting their physical, intellectual, emotional and social growth, and development, a career in teaching physical and health education could be a rewarding experience. The physical and health education teacher has a unique contact with students where outcomes such as the learning of motor skills, lifetime sports, social awareness and enjoyment, self reliance, and personal wellness can occur. To earn a certificate to teach Physical and Health Education in public schools in Pennsylvania, students must complete the PHETE program, pass all appropriate examinations and clearances, and be a United States citizen. Graduates of this program are certified to teach Health and Physical Education, kindergarten through twelfth grade in the Commonwealth of Pennsylvania.

Acceptance into the PHETE program is not automatic upon acceptance into the Kinesiology Department. Interested students must participate in a special admission procedure, designed to assess their aptitudes for teaching.

Graduates of this track who have earned state certification in Pennsylvania legally qualify for certification in all states participating in the Interstate Certification Compact. Be aware that clearances are good for one year, PHETE course for five years, and Praxis Exam Scores for 10 years. Anything that expires 1 year prior to certification must be redone.

Detailed information about the teaching track in Physical Education is documented in the PHETE HANDBOOK. This pamphlet is available from the PHETE coordinator and on the PHETE Home Page at http://phete.temple.edu.

Students desiring Physical and Health Education certification must complete the following courses in the sequence specified in this program of study. ALL PHETE and Health courses must be completed with a minimum grade of B-, and a minimum commutative CGPA of 3.0 must be achieved in order to receive Temple's recommendation for Certification.

- 1. Students must complete KN 1018, KN 1201, KN 1223, and KN 1224, have a minimum 48 hours of course work with a minimum CGPA of 3.0, two math courses and two English courses, as well as having passed the PRAXIS I tests in reading, writing, math, and the PRAXIS II test in fundamental content knowledge prior to enrolling in PHETE 3553.
- 2. All course work in the major and the track must be completed before enrolling in PHETE 4588.
- 3. Athletes may not enroll in PHETE 4588 during their competitive seasons (e.g., a baseball player may not enroll in PHETE 4588 during the Spring semester).
- 4. Students must display First Aid Competency before enrolling in PHETE 4588. They can attain competency in a variety of ways. Copies of the students' current certificate(s) must be on file with the PHETE Coordinator prior to student teaching.
- 5. A negative TB test must be submitted before the end of the Sophomore year and prior to student teaching.
- 6. Clearances for Child Abuse, State Police, and FBI finger prints must be on file each year during the sophomore, junior, and senior years.

#### Required Courses in the Physical and Health Education Certification Program

University General Education requirement

Kinesiology Core requirement

ECE 3209.....Teaching English Language Learners in the Early Grades

PHETE 2541 .....Introduction to Teaching Health I

PHETE 2542 .....Introduction to Teaching Health II

PHETE 2543 .....Basic Movement I

PHETE 2544 .....Basic Movement II

PHETE 2555 ..... Micro Teaching in PHETE

PHETE 2556 .....Tutorial in PHETE

PHETE 3541 .....Advanced Movement I

PHETE 3542 ..... Advanced Movement II

PHETE 3553 .....PHETE I

PHETE 3554 .....PHETE II

PHETE 3561 ..... Health Science I

PHETE 3562 ..... Health Science II

PHETE 3587 .....PHETE Practicum I

PHETE 3687 .....PHETE Practicum II

PHETE 4554 .....Teaching-School Environment

PHETE 4556.....Developmental and Adapted PHETE

PHETE 4563 .....Health Science III

PHETE 4587 .....PHETE Practicum III

PHETE 4588 .....Student Teaching - PHETE I

PHETE 4589 .....Field Study in PHETE

SPED 2231.....Introduction to Inclusive Education

SPED 3211.....Effective Instructional Strategies for Young Children with Disabilities

In addition to the 9 credits of Health Science (PHETE 3561, 3562, & 4563) one additional course from the following Public Health offerings must be taken.

PH 1104 .....Nutrition and Health

PH 1105 .....Society, Drugs, and Alcohol Perspectives

PH 1106 ......Human Sexuality

PH 1201 .....Contemporary Health Issues

PH 2101 ......Disease Prevention and Control

PH 2102 .....Environmental Health

All program courses must be completed with a grade of B- or higher.



#### Bachelor of Science Degree in Kinesiology Pre-Health Professions Program

The Pre-Health Professional Program affords students the opportunity to study Kinesiology while preparing for graduate/professional school in the health professions. There exists a close relationship between Kinesiology and many of the health professions. Graduate programs in medicine, nursing, occupational therapy, physical therapy, physician's assistant and chiropractic look for students with a knowledge and understanding of the human body in health and in disease. Students preparing for the health professions benefit from a broad exposure to movement science, health-fitness, and the social-cultural aspects of physical activity. The Kinesiologist believes that physical activity is an integral aspect of life and that through physical activity we can better achieve optimal growth and development. A better understanding of physical activity will help future leaders in the health professions meet their clients' needs for long, healthy, and enjoyable lives.

The Department of Kinesiology offers a general studies program that includes the Kinesiology Core and an expanded Liberal Arts and Sciences base under the option Pre-Health Professional Program. This combination of course work and practical experience will position the student for continued study at the graduate level in a variety of health professions including occupational therapy and physical therapy. The program includes the standard prerequisite courses for occupational and physical therapy, but students are advised to check the prerequisites for their intended graduate programs and work these into their programs where elective course work is afforded. Students are also advised to maintain a minimum grade point average of 3.0 (B) since entry into graduate programs in the health professions is highly competitive. A "B" or better in the specific prerequisites is required for most graduate programs.

Examples of health professions that require graduate study are listed below.

- Biomedical Scientist
- Chiropractor
- Complementary Medicine Professional
- Dance Therapist
- Dentist
- Exercise Physiologist
- Health Care Management Professional
- Medical Diagnostics Professional
- Nurse
- Nutritionist

- Occupational Therapist
- Physical Therapist
- Physician Assistant
- Physician (DO)
- Physician (MD)
- Podiatrist
- Public Health Professional
- Recreational Therapist
- Social Worker
- Veterinary Physician

The following courses and experiences are included in the Pre-Health Professional Program. The students are advised to study the prerequisites for their intended graduate programs and include them where elective course work is available.

#### Required Courses in the Pre-Health Professional Program

University General Education requirement

Kinesiology Core requirement

#### Foundation Courses for Allied Health

Chem 1031-2.....General Chemistry I \*

Chem 1033-4.....General Chemistry II \*

Bio 1011.....General Biology I \*

Bio 1012.....General Biology II \*

Physics 1021 .....College Physics I \*

Physics 1022 ......College Physics II \*

Advanced Psychology (2000 or above)

Advanced Sociology (2000 or above)

Statistics (Stat 2101, Math 1013, Psych 1167, or Soc 1167)

All required program courses must be completed with a grade of C- or higher.



#### Pre-Health Professional Program Suggested Electives

HR	P 1201	Intr	oduction	n to the	Healt	h Professi	ons	;
_		_						

Psych 2301 .....Foundations of Developmental Psychology

Psych 2201 .....Foundations of Psychopathology

Soc 2552.....Health and Disease in American Society

PH 2101 ......Disease Prevention and Control

Chem 2201 ......Organic Chemistry with Lab (2203)

Chem 2202 ......Organic Chemistry with Lab (2204)

Chem 4401.....Biochemistry 1

Bio 3317.....General Microbiology

PH 1104 .....Nutrition and Health

Nur 3111 .....Nutrition

HIM 1101.....Medical Terminology

<sup>\*</sup>If student is pursuing a field of study requiring a higher level, substitute where appropriate.

#### Semester Course Offerings

The following table is provided to inform students when Kinesiology courses are offered. Please note that all courses are not offered every semester. Following your suggested program of study as outlined in this handbook is the best way to insure your timely graduation. Selected program courses may also be offered during Summer Sessions I and II. The summer schedule of classes is limited and predicated upon interest and adequate enrollments.

Course Number	Fall	Spring	Course Number	Fall	Spring	Course Number	Fall	Spring
KN 1037	X	X	KN 3441	X		PHETE 2541	X	
KN 1038	X	X	KN 3442		X	PHETE 2542		X
KN 1201	X	X	KN 3443	X		PHETE 2543	X	
KN 1202	X	X	KN 3444		X	PHETE 2544		X
KN 1223	X	X	KN 3487	X		PHETE 2555	X	
KN 1224	X	X	KN 3687		X	PHETE 2556		X
KN 1442		X	KN 4296	X	X	PHETE 3541	X	
KN 1444		X	KN 4282	X	X	PHETE 3542		X
KN 2203	X	X	KN 4311	X		PHETE 3553	X	
KN 2204	X	X	KN 4312		X	PHETE 3554		X
KN 2362		X	KN 4313		X	PHETE 3561	X	
KN 2364	X	X	KN 4314		X	PHETE 3562		X
KN 2421	X		KN 4334	X	X	PHETE 3587	X	
KN 2431	X		KN 4385	X	X	PHETE 3687		X
KN 2441	X		KN 4443	X		PHETE 4554	X	
KN 2442		X	KN 4487	X		PHETE 4556	X	
KN 3202	X	X	KN 4687		X	PHETE 4563	X	
KN 3296	X	X				PHETE 4587	X	
KN 3363	X					PHETE 4588	X	X
KN 3368	X					PHETE 4589	X	X

#### **Independent Study**

Independent Study in Kinesiology (KN4282) is designed as a form of individualized learning. It affords students with advanced standing the opportunity to engage in the intensive study of an area of special interest relevant to their programs of study. Readings, library research projects, laboratory techniques, or mentored research can be utilized in order to fulfill the objectives of the Independent Study.

Specifically, Independent Study (KN4282) is designed for the advanced study of the Discipline of Kinesiology or for one of the designated programs therein. It is a requirement in the Pre-Health Professional program and serves as a type of "senior thesis" in which students can culminate their undergraduate programs of study.

#### Policies for Independent Study:

- 1. Independent Study may be pursued by junior or senior level students in good standing in the Department of Kinesiology.
- 2. Students in the Pre-Health Professional Program must register for their "final" Independent Studies their senior year, when the majority of Kinesiology core courses have been completed.
- 3. Independent Study cannot be taken in lieu of a course.
- 4. The maximum number of credits of KN 4282 in any one semester is three.
- 5. The maximum number of total credits of KN 4282 is six.
- 6. Students may enroll for more than one Independent Study per semester providing that the courses are from different departments and the number of semester hours does not exceed six.
- 7. Credits will be allocated on the basis of an estimated three hours/week of library research or study per credit, or three hours of observation, laboratory activity, or mentored research per week per credit.
- 8. The faculty of record will be responsible for the approval of the student's proposal, bibliography, student objectives, and the criteria for evaluation. The faculty of record is also responsible for conducting weekly meetings with the student and for the assignment of the final grade.

#### Internship and Field Experience Policies

Many of the programs offered by the Department of Kinesiology include practical experiences via Internship, Practicum and/or Practice Teaching. Depending on the program guidelines these experiences can be either graded (A, B, C...) or offered as credit/no credit courses. Only matriculating students in good standing within their programs of study can enroll in such experiences, and then only if certain criterion have been met. Students should check with the respective Program Coordinator for the specific prerequisites. The following policies apply generally to all Internships, Practicum's, and Field Experiences:

- 1. Students must be in good academic standing.
- 3. The prerequisites course(s) must be passed with a C- or higher. The Internship in Exercise and Sport Science and Student Teaching in the PHETE program require <u>ALL</u> discipline and **program** courses be completed prior to enrollment.
- 4. Students must comply with all conditions of their Internship or Field Experience agreements to include the proper medical clearance and current First aid CPR and AED certifications.
- 5. Students may enroll in one additional course (1-4 credit hours) while completing their Exercise Science Internship, however, this cannot be a course within the student's major.
- 6. Athletes need special permission from the Program Coordinator to enroll in an Exercise Science Internship if it is to occur during their competitive seasons.
- 7. Students will be completing their Internships, Practicums, or Field Experiences with trained professionals who have a minimum of 3 years experience in the field.
- 8. All Internships, Practicums, and Field Experiences must be complete under the auspices of Temple University and the respective Program Coordinator.
- 9. If students become ill or must be absent for other reasons, students are to notify on-site supervisors as well as respective Program Coordinators. Arrangements must be made to make up the time missed due to absence.
- 10. Students in the PHETE program will not be assigned to schools where they have previously attended or where they may have relatives on staff. In addition, no intern will be placed in settings with relatives on staff.
- 11. Students in the PHETE program are required to have one elementary and one secondary school experience during Student Teaching. One of these two placements must be in an urban setting.
- 12. Students are generally not paid for Internships, Practicums, or Field Experiences and payment is generally not advised. Students cannot complete these experiences in sites where they are currently employed.
- 13. Finally, only one exercise science student from Temple University can perform an Internship at an approved site in any given semester. Only one additional student from a different department or a different university should be completing this experience at the given site under any one supervisor.

#### **Graduation Policies**

One year prior to graduating students should schedule an appointment with the department's Undergraduate Coordinator to do a pre-graduation clearance. At this appointment, they will review the graduation requirements, application process, and graduation time line. Students should schedule this appointment approximately three months prior to their intent to graduate or they may not be able to graduate until the following commencement.

There are three graduation dates at the University: last Friday in August, last Friday in January, and second Thursday in May. The University and College of Health Professions and Social Work each hold one graduation ceremony each year in May. All August, January, and May graduates are invited to walk in each ceremony (University in the morning and College later in the same day). If students are within 8 credits of graduating in May of any given year, they are offered the opportunity to walk in the May ceremony as long as they are scheduled to complete those 8 or less credits that same summer and apply separately to walk in the May ceremony. Students need to realize that the application to walk in the May ceremony is not the same thing as applying to graduate in May. Since students only walking in May are not actually completing their degrees until August, they must apply to graduate in August even though they applied to walk in May. Again, applying to walk is not the same thing as applying to graduate.

The graduation application is available through Self Service Banner through your TUportal page.



#### Deadlines for Notice of Anticipation of Graduation

Fall - October 15

**Spring - February 15** 

**Summer - June 1** 

Students in the PHETE Program must also apply for certification. PHETE students must meet all certification requirements as set forth by the *School Laws of Pennsylvania* and must also meet the requirements of the state-approved program of teacher education offered in the Department of Kinesiology. These forms are available from the PHETE Coordinator. A \$100 certified check or money order must accompany the submitted form (U.S. citizenship is a requirement for Teacher Certification in Pennsylvania).

#### To qualify for graduation, students must have a minimum CGPA and major GPA of 2.00.

Students are responsible for adhering to all academic policies and procedures and for understanding and satisfying all published degree requirements.

All irregular grades must be cleared prior to graduation. Grades of "I" recorded prior to September 1, 2003 should be cleared via a change of grade card submitted by the instructor of record. As of September 1, 2003, students have one year from the time the grade of I was awarded to satisfy the agreement. If the agreement is not satisfied by that time, the appropriate university official will automatically change the grade of I to the default grade.

#### Academic Honors

#### Dean's List

Students' names will be placed on the Dean's List for any semester in which they complete a minimum of 12 semester hours and earn semester a GPA of 3.50 or better. Students whose transcripts contain any Irregular grade will not be eligible for the Dean's List.

#### **Graduation with Honors**

To be eligible, students must have completed at least 60 credits at Temple and have one of the following designations:

Summa Cum Laude - Top 2% of college's distribution of CGPA's for the graduating cohort.

Magna Cum Laude – Next 5% of the college's distribution of CGPA's for the graduating cohort.

Cum Laude – Next 9% of college's distribution of CGPA's for the graduating cohort.

#### Awards Calendar and Criteria

The following are awards that are conferred upon students from year to year. Note that some of them are automatic and depend solely upon grade point averages. Others have specific criteria that necessitate either faculty identification of those students who qualify or students stepping forward who feel that they meet that criteria. Please read over the following information and keep the deadline dates in mind for future consideration as a possible award winner. If you intend to apply for an award, complete the application and submit to Jeanette Butkiewicz (PH 113) prior to the posted deadline

<b>Deadline</b>	<u>Award</u>	<u>Criteria</u>	<b>Department</b>	College Action
Oct. 10	PSAHPERD Scholarship \$500 award	Junior or Senior :scholarship, professional potential, contribution to college, financial need	Nominates and forwards to college	N/A
Oct. 10	PSAHPERD Outstanding Senior	Senior: high GPA, participation in college groups, contribution to community and college, professional potential	Nominates and forwards to college	N/A
Oct. 10	National Association for Sport and Physical Education	Outstanding student major in sport or Kinesiology	Nominates and forwards to National Association	N/A
Mar. 1	Commencement Student Speaker	3.25 GPA or higher, Leadership or accomplishment of social impact. Minimum two year involvement in activity. Excellent verbal skills, graduating Senior	Student/Departm ent nominates and forwards to College	Forwards one nominee to Honorary Degrees Committee
Mar. 21	Nate and Eva Garfinkle Endowed Scholarship (\$1,000)	Junior or Senior: academic standing, professional participation, healthful lifestyle, financial need	Recognizes Candidate	None
Mar. 21	Alice Cavanaugh Scholarship	3.0 GPA or higher, accepted into a KN professional track, achievement, involvement, professional potential	Recognizes Candidate	None
Mar. 21	Agnes Stegmuller Scholarship (\$1,000)	60 credit hours or less, at least 1 semester Kinesiology student, minimum GPA 3.0	Recognizes Candidate	None
Mar. 21	Kendrick, Clemmer, Phillips Endowed Scholarship	One female/male gymnast of high academic standards for the upcoming junior/senior year, exercise physiology/athletic training/premed desired	Recognizes Candidate	None

The university offers numerous opportunities for scholarship awards. To investigate which of these awards you might be eligible for, visit the Office of Student Financial Services at <a href="www.temple.edu/sfs/scholarships.htm">www.temple.edu/sfs/scholarships.htm</a>.

# Athletic Training Education Program Four Year Academic Recommended Sequence

#### **FRESHMAN YEAR**

Fall	C	redit	Spring	Credit
	KN 1201 Intro to Kinesiology KN 1223 A & P I Analytical Reading KN* Forms of Movement Quantitative Reasoning	3 4 4 1 4	<ul> <li>□ KN 1224 A &amp; P II</li> <li>□ KN 1442 Basic Techniques</li> <li>□ KN 1444 Movement Injuries</li> <li>□ PH 1104 Nutrition &amp; Health</li> <li>□ Mosaic I</li> <li>□ KN * Forms of Movement</li> </ul>	4 2 3 3 3 1
	S	ОРНОМО	DRE YEAR	
Fall		Credit	Spring	Credit
	KN 2421 Emergency Medical Care KN 2431 Pharmacology KN 2441 Lower Extremity KN 3441 Therapeutic Modalities KN* Forms of Movement	3 3 4 1	KN 2442 Upper Extremity  ☐ KN 2204 Motor Behavior ☐ KN 4443 Org & Admin in AT ☐ US Society ☐ Race / Diversity	3 3 3 3
		JUNIOF	RYEAR	
Fall		Credit	Spring	Credit
	KN 3202 Biomechanics KN 3443 Head, Neck, Spine KN 3487 Practicum I Mosaic II Human Behavior	4 3 3 3 3	<ul> <li>□ KN 2203 Physiology of Phys Act</li> <li>□ KN 3442 Therapeutic Exercise</li> <li>□ KN 3444 Gen Med Conditions in AT</li> <li>□ KN 3687 Practicum II</li> <li>□ KN * Forms of Movement</li> </ul>	4 4 3 3 1
Fall.		SENIOR		Cradit
Fall	KN 3296 Soc/Psych Aspects of Phys Act KN 4311 Adv Physiology of Exercise KN 4450 Special Topics KN 4487 Practicum III Arts	3 4 3 3 3 3	Spring  KN 4296 Why Humans Move  KN 4314 Neuro Prin in Strngth & Cond  KN 4687 Practicum IV  World Society  Elective	3 4 3 3 3 3

<sup>\*</sup> Activity Course or Workshop

# Exercise and Sport Science – Fitness/Wellness Program Four Year Academic Recommended Sequence

#### FRESHMAN YEAR Fall Credit Credit Spring ☐ KN 1201 Intro to Kinesiology 3 ☐ KN 1224 A & P II 4 ■ KN 1223 A & P I 4 ☐ US Society 3 ☐ Analytical Reading/Writing 4 ☐ Global/World Society 3 ☐ KN \* Forms of Movement ☐ KN \* Forms of Movement 2 1 3 Quantitative Reasoning 4 ☐ Psych 1061 Psych as a Social Sci ■ Elective **SOPHOMORE YEAR** Credit Fall Credit Spring ☐ KN 2203 Physiology of Phys Act 4 ☐ KN 1444 Movement Injuries 3 ☐ PH 1104 Nutrition & Health 3 ☐ KN 2362 Intro to Ex & Sport Science 3 ☐ KN \* Forms of Movement 1 ☐ KN 2204 Motor Behavior 3 ■ Mosaic II ☐ Human Behavior 3 3 ■ Mosaic I 3 ■ Elective 3 ■ Elective 3 **JUNIOR YEAR** Fall Credit Credit Spring ☐ KN 2364 Applied Tech in Kines 3 3 ☐ KN 4312 Exercise & Nutrient Metab ☐ KN 3363 Basic Electrocardiography 3 ☐ KN 4313 Exercise & Aging 3 ☐ KN 3296 Soc/Psych Aspects of Phys Act 3 ☐ KN 4314 Neuro Prin in Strngth & Cond 4 ☐ KN 3202 Biomechanics 4 ☐ KN \* Forms of Movement 2 ☐ Race/Diversity ☐ KN 4311 Adv Physiology of Exercise 3 3 **SENIOR YEAR** Fall Credit Credit Spring ☐ KN 3368 Prin Hlth Fit Prgm Mgt 3 ☐ KN 4385 Internship 12 ☐ KN 4334 Intro Exercise Testing 4 ☐ Flective 3 ☐ PH 3103 Health Counseling 3 ☐ KN 4296 Hist & Phil of Kines 3

3

□ Arts

<sup>\*</sup> Activity Workshops

# Exercise & Sport Science – Fitness/Wellness/ Pre-Health Program <sup>1</sup> Four Year Academic Recommended Sequence

	FRESHMAN YEAR						
Fall		Credit	Spri	ng	Credit		
	KN 1223 A & P I Math 1021 College Algebra Analytical Reading/Writing Bio 1011 Gen Biology I	4 4 4 4		KN 1224 A & P II KN 1201 Intro to Kinesiology Bio 1012 Gen Biology II Mosaic I Psych 1061 Psych as a Social Sci	4 3 4 3 3		
		SOPHOM	ORE	YEAR			
Fall		Credit	Spri	ng	Credit		
	Chem 1031/33 Gen Chem I KN 2204 Motor Behavior PH 1104 Nutrition & Health Quantitative Reasoning Mosaic II	4 3 3 3 4		Chem 1032/34 Gen Chem II KN 1444 Movement Injuries Arts Global World Society Statistics KN * Forms of Movement	4 3 3 3 1		
		JUNIO	R YE	AR			
Fall		Credit	Spri	ng	Credit		
	KN 2364 Applied Tech in Kines KN 2203 Physiology of Phys Act Phys 1021 College Physics I US Society KN * Forms of Movement	3 4 4 3 1		KN 2362 Intro to Ex & Sport Science KN 3296 Soc/Psych Aspects of Phys Act Phys 1022 College Physics II Human Behavior Race / Diversity KN * Forms of Movement	3 4 3 3 1		
		SENIO	R YE	AR			
Fall		Credit	Spri	ng	Credit		
	KN 3202 Biomechanics KN 3363 Basic Electrocardiography KN 4296 Hist & Phil of Kines KN 4311 Adv Physiology of Exercise Advanced Sociology KN * Forms of Movement	4 3 3 3 3 1		KN 4334 Intro Exercise Testing KN 4312 Exercise & Nutrient Metab KN 4313 Exercise & Aging KN 4314 Neuro Prin in Strngth & Cond Advanced Psychology	4 3 3 4 3		
* Ac	<sup>1</sup> You cannot combine Pre Health Professions with Exercise  * Activity Course or Workshop  and Sport Science, within a 128 credit degree program. If you follow the sequence on this page you can, however, complete it within 4 years.						

# Physical & Health Education Teacher Education (PHETE) Program Four Year Academic Recommended Sequence

**FRESHMAN YEAR** 

	·	IVESTIIVI	MIN I	LAN	
Fall		Credit	Spri	ng	Credit
	KN 1201 Intro to Kinesiology PH Elective Analytical Reading/Writing KN * Forms of Movement Quantitative Reasoning	3 3 4 2 4		Human Behavior Arts Math Elective Mosaic I Global World Society KN * Forms of Movement	3 3 3 3 3 2
	Se	ОРНОМ	ORE	YEAR	
Fall		Credit	Spri	ng	Credit
	KN 1223 A & P I KN 2204 Motor Behavior PHT 2541 Intro Teaching Health I PHT 2543 Basic Movement I PHT 2555 Micro Teaching in PHETE Mosaic II SPED 2231 Intro to Incl Ed	4 3 1 1 1 3 3		KN 1224 A & P II PHT 2542 Intro Teaching Health II PHT 2544 Basic Movement II PHT 2556 Tutorial in PHETE Race / Diversity US Society SPED 3211 Effect Instr Strtgy Yng Chld	4 1 1 3 3 3
		JUNIO	R YE	AR	
Fall		Credit	Spri	ng	Credit
	KN 3296 Soc/Psych Aspects of Phys Act PHT 3541 Advanced Movement I PHT 3553 PHETE I PHT 3561 Health Science I PHT 3587 or 3787 PHETE Practicum I ECE 3209 Tch Eng Lang Lrnrs Early Grds	3 4 3 1 3		KN 2203 Physiology of Phys Act PHT 3542 Advanced Movement II PHT 3554 PHETE II PHT 3562 Health Science II PHT 3687 or 3787 PHETE Practicum II KN * Forms of Movement	4 3 4 3 1 2
		SENIO	R YE	AR	
Fall		Credit	Spri	ng	Credit
	KN 3202 Biomechanics KN 4279 Hist & Phil of Kines PHT 4554 Teaching-School Envirnmnt PHT 4556 Dev & Adapted PHETE PHT 4587 PHETE Practicum III PHT 4563 Health Science III	4 3 2 3 1 3		PHT 4588 Student Teaching - PHETE PHT 4589 Field Study in PHETE	12 1

\* Activity Course or Workshop

# Pre-Health Professions Program Four Year Academic Recommended Sequence

#### FRESHMAN YEAR Fall Credit Credit Spring ☐ KN 1201 Intro to Kinesiology ☐ Bio 1012 Gen Biology II 4 ☐ Analytical Reading/Writing 4 ☐ Math 1021 College Algebra 4 ☐ Bio 1011 Gen Biology I 4 ■ Mosaic I 3 ☐ KN \* Forms of Movement ☐ Psych 1061 Psych as a Social Sci 3 2 ■ Elective 3 Quantitative Reasoning **SOPHOMORE YEAR** Fall Credit Credit Spring ■ KN 1223 A & P I 4 ■ KN 1224 A & P II 4 ☐ Chem 1031/33 Gen Chem I 4 ☐ Chem 1032/34 Gen Chem II 4 ■ Mosaic II 3 □ Arts 3 ■ Elective 3 ■ US Society 3 ☐ KN \* Forms of Movement 2 ■ Elective 3 **JUNIOR YEAR** Fall Credit Credit Spring ☐ KN 2203 Physiology of Phys Act ☐ KN 2204 Motor Behavior 3 4 ☐ Phys 1021 College Physics I ☐ Phys 1022 College Physics II 4 4 ☐ Global/World Society 3 ☐ Human Behavior 3 ☐ Statistics (Psy/Soc 1167/ Mth 1013) ☐ Elective 3 3 ☐ KN \* Forms of Movement ☐ KN \* Forms of Movement 2 2 **SENIOR YEAR** Fall Credit Spring Credit ☐ KN 3202 Biomechanics 4 ☐ KN 4282 Independent Study 3

■ Advanced Psych

☐ Elective

■ Advanced Sociology

☐ KN 4296 Hist & Phil of Kines

3

3

3

3

3

3

3

2

☐ KN 3296 Soc/Psych Aspects of Phys Act

☐ Race/Diversity

☐ KN \* Forms of Movement

☐ Elective

<sup>\*</sup> Activity Workshops

# Pre-Health Professions / DPT Program 3 + 3 Years Academic Recommended Sequence

#### **FRESHMAN YEAR**

Fall		Credit	Spri	ng	Credit					
	KN 1201 Intro to Kinesiology Analytical Reading/Writing Bio 1011 Gen Biology I KN * Forms of Movement Quantitative Reasoning	3 4 4 2 4		Bio 1012 Gen Biology II US Society Math 1021 College Algebra Mosaic I Psych 1061 Psych as a Social Sci	4 3 4 3 3					
	SOPHOMORE YEAR									
Fall		Credit	Spri	ng	Credit					
	KN 1223 A & P I KN 3296 Soc/Psych Aspects of Phys Act Chem 1031/33 Gen Chem I Statistics (Psy/Soc 1167/ Mth 1013) Mosaic II	4 3 4 3 3		KN 1224 A & P II Advanced Psych Chem 1032/34 Gen Chem II Arts KN * Forms of Movement	4 3 4 3 2					
	JUNIOR YEAR									
Fall		Credit	Spri	ng	Credit					
	KN 2203 Physiology of Phys Act KN 2204 Motor Behavior Phys 1021 College Physics I Global/World Society Advanced Sociology	4 3 4 3 3		KN 3202 Biomechanics KN 4296 Hist & Phil of Kines Phys 1022 College Physics II Human Behavior Race/Diversity	4 3 4 3 3					
		SENIOR	R YE	AR						
Fall		Credit	Spri	ng	Credit					
	DPT 8503 Human Anatomy II DPT 8512 Human Physiology DPT 8513 Movement Science I DPT 8516 Intro to Physical Therapy DPT 8517 Clin Exm & Interven Skls DPT 8528 Critical Inquiry I	3 3 1 3 2-3		DPT 8514 Clinical Decision Making DPT 8521 Neuroscience DPT 8522 Rehab Pathophysiology DPT 8523 Movement Science II DPT 8525 Clin Electroneurophysiology DPT 8548 Critical Inquiry II	2 3 3 4 3 1-2					

<sup>\*</sup> Activity Workshops

### **Athletic Training Education Program**

### **Bachelor of Science in Athletic Training**

GENERAL EDUCATION*	SEM	GRADE	ATHLETIC TRAINING CORE * SEM GRADE				
□ Race/Diversity □ Glo/Wrld Soc □ Arts² □ Hum Behavior²			Basic Tech, ATC KN 1442 Mov't Injuries KN 1444 Emer Med Cr KN 2421 Pharmacology KN 2431 Lower Extrm KN 2441 Upper Extrm KN 2442 Modalities KN 3441 Ther. Exercise KN 3442 Head/Neck KN 3443 Gen Med Cond KN 3444 Practicum I KN 3687 Adv. Phys /Ex KN 4311 NM Principles KN 4314 Org/Admin AT KN 4443 Spec. Topics KN 4450 Practicum IV KN 4687 Practicum IV KN 4687 Practicum IV KN 4687 Nut/Health PH 1104				
<ul> <li>□ Intro to Kin</li> <li>□ Phys of Act</li> <li>□ Mot Behavior</li> <li>□ Biomechanics</li> <li>□ Soc-Psych</li> <li>□ Hist &amp; Phil</li> <li>1201</li> <li>2203</li> <li>3204</li> <li>3202</li> <li>4296</li> </ul>			Cumulative GPA (2.00): Major GPA (2.00): Total Credits (124) NOTES:				
PHYSICAL ACTIVITY REQUIR	EMENT*						
☐ Fitness ☐ Lifestyle ☐ Survival ☐ Aquatics			*A grade of C- is the lowest acceptable grade in the program of study, Kinesio Core, and University Core.				

# Exercise and Sport Science – Fitness / Wellness Program Bachelor of Science in Kinesiology

GENERAL EDUCATION*	SEM	GRADE	HEALTH FITNESS CORE * SEM	GRADE
□ Race/Diversity □ Glo/Wrld Soc □ Arts² □ Hum Behavior²			□ Mov't Injuries KN 1444   □ Intro to Ex Sci KN 2362   □ Applied Tech KN 2364   □ Basic Electro KN 3368   □ Hlth Fit P Mgt KN 3368   □ Adv Phys/Ex KN 4311   □ Exer & Nutr't KN 4312   □ Exer & Aging KN 4313   □ NM Principles KN 4314   □ Intro Ex Testing KN 4334   □ Internship KN 4385   □ Nut & Health PH 1104   □ Counseling PH 3103   □ Psych as Soc Sci PS 1061 □ First Aid   □ Elective □ Elective   □ Elective □ Elective   □ Elective □ Elective	
□ Intro to Kin 1201   □ Phys of Act 2203   □ Mot Behavior 2204   □ Biomechanics 3202   □ Soc-Psych 3296   □ Hist & Phil 4296    PHYSICAL ACTIVITY REQUIR  Fitness  □ Lifestyle □ Survival □ Aquatics □ Aquatics □ Lifestyle □ Survival □ Aquatics □ Lifestyle □ Survival □ Lifestyle □ Survival □ Lifestyle □ Survival □ Lifestyle □ Survival □ Aquatics □ Lifestyle □ Survival □ Lifestyle □ Survival □ Aquatics □ Lifestyle □ Survival □ Survival □ Lifestyle □ Survival □		*	Cumulative GPA (2.00): Major GPA (2.00): Total Credits (128)  NOTES:  *A grade of C- is the lowest acceptable grade in the program of study, Kinesic	

# Exercise and Sport Science – Pre-Health Professions Program Bachelor of Science in Kinesiology

<b>GENERAL EDUCATION*</b>	SEM GRA	ADE <u>HEALTH FITNESS CO</u>	NRE * SEM	GRADE
□ Race/Diversity □ Glo/Wrld Soc □ Arts² □ Hum Behavior²		NM Principles   Intro Ex Testin   Internship (op:   Nut & Health   First Aid   Chemistry I     Chemistry II   Biology I   Biology I   Physics I   Physics I   Physics II   Math (Alg)   Adv. Psych   Adv. Soc   Statistics	KN 1444 KN 2362 KN 2364 KN 3363 KN 4311 KN 4312 KN 4313 KN 4314 SKN 4334 CH MARK MARK MARK MARK MARK MARK MARK MARK	
PHYSICAL ACTIVITY REQUIRES    Fitness     Lifestyle     Survival     Aquatics	EMENT*	NOTES:		

<sup>\*</sup>A grade of C- is the lowest acceptable final grade in the program of study, Kinesiology Core, and University Core.

# Physical and Health Education Teacher Education (PHETE) Program Bachelor of Science in Kinesiology

<b>GENERAL EDUCATION*</b>	SEM GRADE	PHETE CORE **	SEM GRADE
$\Box$ Mosaic $I^1$		☐ Intro Tch Hlth I PHT 254:	1
☐ Mosaic II¹		☐ Intro Tch Hlth II PHT 2542	
☐ Sci & Tech KN1223		☐ Basic Mvmnt I PHT 2543	
☐ Sci & Tech KN1224		☐ Basic Mvmnt II PHT 2544	
□ Anal Read/Wrt		☐ Micro Tch PHT PHT 2555	
			6
☐ Race/Diversity			1
			2
-			3
$\Box$ Arts <sup>2</sup>			4
☐ Hum Behavior <sup>2</sup>		☐ Health Sci I PHT 3563	1
2			2
			7
45+ transfers:			7
All <b>bolded</b> courses		☐ Parkway Pract PHT 3787	
<sup>1</sup> either Mosaic		☐ Tching Schl Env PHT 4554	
² two of three			6
			3
KINESIOLOGY CORE*			7
		☐ Student Teach PHT 4588	
☐ Intro to Kin 1201		☐ Fld Study PHT PHT 4589	
☐ Phys of Act 2203		☐ Intro to Inc Ed SpEd 2233	
☐ Mot Behavior 2204		☐ Efctv Ins Strat SpEd 3211	
☐ Biomechanics 3202		☐ Tch ELL Erly Gr ECE 3209	
☐ Soc-Psych 3296		☐ Health Elective	
☐ Hist & Phil 4296			
		☐ First Aid	
<b>PHYSICAL ACTIVITY REQUIR</b>	EMENT*		
		Cumulative GPA (2.00):	
☐ Fitness		Major GPA (2.00):	
☐ Lifestyle		Total Credits (128)	
☐ Survival			
☐ Aquatics		NOTES:	
PRAXIS REQUIREMENT		<del></del>	
DATE	SCORE		
Reading		*A grade of C- is the lowest acc	•
Writing		grade in University and Kinesio	logy Core.
Math			
Fund - CK		**A grade of B- is the lowest ac	ceptable final
HPE - CK		grade in the program of study.	

### **Pre- Health Professions Program**

### **Bachelor of Science in Kinesiology**

GENERAL EDUCATION	*	SEM	GRADE	PRE-HEALTH PRO	OF CORE *	SEM	GRADE
□ Race/Diversity □ Glo/Wrld Soc □ Arts² □ Hum Behavior² □	24			☐ Ind. Study ☐ Chemistry ☐ Chemistry ☐ Biology ☐ Biology ☐ Physics ☐ Physics ☐ Math (Alg) ☐ Adv. Psych ☐ Adv. Soc	KN 4282 1031 1033 1032 1034 1011 1012 1021 1022		
45+ transfers: All bolded course  1 either Mosaic 2 two of three  KINESIOLOGY CORE*	es			☐ Statistics ☐ Elective			
☐ Intro to Kin ☐ Phys of Act ☐ Mot Behavior ☐ Biomechanics ☐ Soc-Psych ☐ ☐	1201 2203 2204 3202 3296 4296			☐ Elective☐ Ele			
				NOTES:			
PHYSICAL ACTIVITY RE	QUIRE	MENT*					
☐ Fitness ☐ Lifestyle ☐ Survival ☐ Aquatics							

<sup>\*</sup>A grade of C- is the lowest acceptable final grade in the program of study, Kinesiology Core, and University Core.