TEXAS A&M UNIVERSITY
DEPARTMENT OF KINESIOLOGY & SPORT MANAGEMENT

Doctor of Philosophy in Kinesiology
with Specialization in Sport Pedagogy
(Revised 02/2024)

Description

- This specialization prepares individuals for teaching and research careers in sport pedagogy and physical activity settings. Graduate students are prepared for sport pedagogy positions at universities as well as leadership positions in education and related fields. At the end of the program, students will possess requisite knowledge and skills of and develop expertise in independently designing and conducting research activities.

Prerequisites

- Prerequisites of entering the Sport Pedagogy doctoral program are:
  - Required:
    - Admission to graduate school.
    - Master’s degree in Physical Education or the equivalent from an accredited college or university
    - English language proficiency
  - Preferred
    - Three or more years teaching and/or coaching experience in public school or equivalent settings
    - Graduate Record Examination (GRE)

Advisory Committee

- Upon the admission to the Sport Pedagogy program, the student is assigned a chair. The student will work with the chair on determining the make-up of the advisory committee. The committee consists of no fewer than four members of the graduate faculty—one of whom must be from a department other than Kinesiology & Sport Management. The committee is responsible for dis/approving the student’s degree plan, preliminary exam, dissertation proposal, and final exam. It is recommended the student form her/his committee as soon as possible within the first year of study.

Program of Study
• The degree plan is designed to meet the research interests and needs of the individual student. The final degree plan is meant to capture the needs and future research interests of the student. Prior to scheduling the dissertation proposal meeting, each student is expected to: (a) have presented, as sole or first author, one or more presentations at a state, regional, or national conference and (b) be at least co-author on one or more research papers submitted to a peer-reviewed national or international journal.

Dissertation

• Each student will design and complete a research dissertation on a topic related to physical education and/or physical activity, such as teaching and learning, motivation, and healthy behaviors. The student must work with the committee chair during all phases of the dissertation writing.

Exams

• Doctoral students at Texas A&M University are required to complete the following exams:
  o Preliminary Exam: For the preliminary exam, the student will present a written dissertation proposal and, upon acceptance by the committee, schedule an oral exam on the contents. The committee must approve both the written and oral components before the advancement to candidacy.
  o Final Exam: Upon completion of the dissertation study, the student defends the research project to her/his advisory committee. A journal ready manuscript must be submitted prior to the defense.

Additional Note

• Interested applicants are expected to have taken the following courses or equivalents:
  o Elementary School Physical Activities
  o Middle & Secondary School Physical Activities
  o Adapted Physical Education
  o Lifespan Motor Development
  o Tests & Measurements

Ph.D. in Kinesiology with Specialization in Sport Pedagogy

Curriculum

<table>
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<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td></td>
<td>SPORT PEDAGOGY CORE (40 HOURS)</td>
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KINE 622  Supervision of Health & Kinesiology  3
KINE 624  Pedagogical Research on Teaching/Physical Education  3
KINE 682  Seminar in Sport Pedagogy  3
KINE 685  Directed Studies  12
KINE 691  Research  18

RESEARCH METHODS (18–30 HOURS)

EDCI 605  Qualitative Research Methods in Curriculum and Instruction  3
EDCI 628  Analyzing and Reporting Field Based Research  3*
EDCI 661  Mixed Methods Research in Curriculum and Instruction  3*
EDCI 706  Narrative Inquiry in Curriculum and Instruction I  3*
EDCI 707  Narrative Inquiry in Curriculum and Instruction II  3*
EPSY 603  Qualitative Methodologies in Educational Research  3
EPSY 622  Measurement and Evaluation in Education  3
EPSY 625  Advanced Psychometric Theory (Prereq: EPSY 640)  3*
EPSY 633  Qualitative Research Design and Data Collection  3
EPSY 635  Educational Statistics  3
EPSY 636  Techniques of Research  3
EPSY 637  Qualitative Grounded Theory Methodologies (Prereq: EPSY 633, EDCI 605)  3*
EPSY 639  Experimental Research Design in Educational Settings (Prereq: EPSY 636, EPSY 640)  3
EPSY 640  Statistical Analysis in Educational Research I (Prereq: EPSY 636, KINE 690, SPMT 690)  3
EPSY 641  Statistical Analysis in Educational Research II (Prereq: EPSY 640)  3
EPSY 642  Meta-Analysis of Behavioral Research (Prereq: EPSY 636, EPSY 640)  3*
EPSY 643  Applied Multivariate Methods  3*
EPSY 649  Introduction to Survey Design Methods in Educational Research  3
EPSY 650  Multiple Regression and Other Linear Models in Education Research (Prereq: EPSY 641)  3*
EPSY 651  Theory of Structural Equation Modeling (Prereq: EPSY 640, EPSY 641)  3*
EPSY 652  Theory of Hierarchical Linear Models (Prereq: EPSY 640, EPSY 641)  3*
EPSY 653  Advanced Structural Equation Modeling (Prereq: EPSY 640, EPSY 641)  3*
EPSY 654  Longitudinal Data Analysis (Prereq: EPSY 651, EPSY 652)  3*
EPSY 655  Item Response Theory (Prereq: EPSY 625)  3*
EPSY 656  Survey Instrument Development (Prereq: EPSY 640)  3*
EPSY 660  Single Case Experimental Design Research Methodology (Prereq: EPSY 635 and EPSY 636)  3
EPSY 661  Data Analysis for Single-Case Experimental Design in Educational Research (Prereq: EPSY 650)  3*
KINE 690  Theory of Kinesiology Research  3
EHRD 655  Qualitative Research Methods  3
EHRD 656  Narrative Analysis (Prereq: EHRD 655)  3
EDCI 715  Academic Writing for Graduate Students  3
EHRD 658  Writing Literature Reviews for Empirical Research in Education  3

*Eligible for the Advanced Research Methods (ARM) Certificate.

SUPPORTING FIELDS (12–30 HOURS)

Educational Curriculum and Instruction (Based on Student’s Research Interests)

EDCI 633  Educator as Learner  3
EDCI 636  Educator as Researcher  3
EDCI 638  Trends in Curriculum and Instruction  3
EDCI 644  Curriculum Development  3
EDCI 646  Instruction Theory  3
EDCI 647  Curriculum Theory (Prereq: EDCI 644)  3
EDCI 673  Analysis of Teaching Behavior  3
EDCI 754  Trends in Data Management and Analysis  3

Educational Psychology (Based on Student’s Research Interests)

EPSY 602  Educational Psychology  3
EPSY 606  Motivation and Emotion for Optimal Learning  3
EPSY 624  Creative Thinking  3
EPSY 631  Program Evaluation  3
EPSY 634  Educational Neuroscience  3
EPSY 644  Histories of Psychology  3
EPSY 647  Lifespan Development  3
EPSY 648  Intelligence and Creativity  3
EPSY 673  Learning Theories  3
EPSY 679  Research on Teacher Effectiveness  3
EPSY 690  Theory of Educational Psychology Research  3

Total = Minimum 70 credit hours beyond Master’s