

**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:
  - **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.
  - **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:
  - Elementary School Physical Activities
  - Middle & Secondary School Physical Activities
  - Adapted Physical Education
  - Lifespan Motor Development
  - Tests & Measurements

## **Ph.D. in Kinesiology with Specialization in Sport Pedagogy Curriculum**

**Course Number**

**Course Title**

**Credits**

### **SPORT PEDAGOGY CORE (40 HOURS)**

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**