

**TEXAS A&M UNIVERSITY**  
**DEPARTMENT OF KINESIOLOGY & SPORT MANAGEMENT**

**Doctor of Philosophy in Kinesiology**  
**with Specialization in Sport Pedagogy**

(May 2024)

**Total credit hours required for degree: Minimum of 60 with a Master's degree**

<b>Required Common Core</b>		<b>Credit Hours: 30</b>
<b>KINE 614</b>	External Research Fund Development	<b>3</b>
<b>KINE 681</b>	Seminar	<b>0</b>
<b>KINE 682<sup>1</sup></b>	Doctoral Seminar in Sport Pedagogy	<b>3</b>
<b>KINE 685</b>	Directed Studies	<b>3</b>
<b>KINE 690</b>	Theory of Research in Discipline	<b>3</b>
<b>KINE 691</b>	Research	<b>18</b>

<sup>1</sup> A minimum of 2 KINE 682 seminars of 1.5 credit hour each are needed

<b>Required Sport Pedagogy Core and Electives</b>		<b>Credit Hours: 30</b>
<b>KINE 622</b>	<b>Supervision of Health and Kinesiology</b>	<b>3</b>
<b>KINE 624</b>	<b>Pedagogical Research in Teaching/Physical Education</b>	<b>3</b>
<b>Advisor Directed Electives<sup>2</sup></b>		<b>24</b>
	STATS	<b>12</b>
	KINE	<b>0</b>
	Non-KINE	<b>12</b>

<sup>2</sup> A minimum of 24 credit hour Advisor Directed Electives should be chosen in consultation with the student's faculty advisor. The **24 credit hours** include 12 STATS and 12 Non-KINE (Educational Curriculum and Instruction or Educational Psychology).

The following STATS and Non-KINE courses list serves as guidelines for elective courses approved by the Sport Pedagogy graduate faculty. Courses not listed below may also be taken with advisor approval.

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

<b>EPSY 656*</b>	Survey Instrument Development (Prereq: EPSY 640)	<b>3</b>
<b>EPSY 660</b>	Single Case Experimental Design Research Methodology (Prereq: EPSY 635 and EPSY 636)	<b>3</b>
<b>EPSY 661*</b>	Data Analysis for Single-Case Experimental Design in Educational Research (Prereq: EPSY 650)	<b>3</b>
<b>EHRD 655</b>	Qualitative Research Methods	<b>3</b>
<b>EHRD 656</b>	Narrative Analysis (Prereq: EHRD 655)	<b>3</b>
<b>EHRD 658</b>	Writing Literature Reviews for Empirical Research in Education	<b>3</b>

\*Eligible for the [Advanced Research Methods \(ARM\) Certificate](#).

<b>Advisor Directed Electives - Non-KINE</b>		<b>Credit Hours</b>
<i>Educational Curriculum and Instruction</i>		
<b>EDCI 633</b>	Educator as Learner	<b>3</b>
<b>EDCI 636</b>	Educator as Researcher	<b>3</b>
<b>EDCI 638</b>	Trends in Curriculum and Instruction	<b>3</b>
<b>EDCI 644</b>	Curriculum Development	<b>3</b>
<b>EDCI 646</b>	Instruction Theory	<b>3</b>
<b>EDCI 647</b>	Curriculum Theory (Prereq: EDCI 644)	<b>3</b>
<b>EDCI 673</b>	Analysis of Teaching Behavior	<b>3</b>
<b>EDCI 754</b>	Trends in Data Management and Analysis	<b>3</b>
<i>Educational Psychology</i>		
<b>EPSY 602</b>	Educational Psychology	<b>3</b>
<b>EPSY 606</b>	Motivation and Emotion for Optimal Learning	<b>3</b>
<b>EPSY 624</b>	Creative Thinking	<b>3</b>
<b>EPSY 631</b>	Program Evaluation	<b>3</b>
<b>EPSY 634</b>	Educational Neuroscience	<b>3</b>
<b>EPSY 644</b>	Histories of Psychology	<b>3</b>
<b>EPSY 647</b>	Lifespan Development	<b>3</b>
<b>EPSY 648</b>	Intelligence and Creativity	<b>3</b>
<b>EPSY 673</b>	Learning Theories	<b>3</b>
<b>EPSY 679</b>	Research on Teacher Effectiveness	<b>3</b>
<b>EPSY 690</b>	Theory of Educational Psychology Research	<b>3</b>

## **RESEARCH EXPERIENCE REQUIREMENT**

- Before scheduling the dissertation proposal meeting each student will:
  1. have presented, as sole or first author, at least one presentation at a state, regional, or national conference; AND
  2. will be an author on at least one research paper submitted to a peer-reviewed national or international journal.
  3. Also, before graduation, it is expected that students will submit at least one first-authored manuscript derived from the dissertation to a national or international refereed journal(s).

## **MINIMAL HOUR REQUIREMENT**

- The Ph.D. requires a minimum of 60 hours beyond the Masters. Depending on preparation and experience, doctoral students may be required to complete undergraduate and graduate leveling work in addition to the minimum Ph.D. requirements (see below).

## **MINIMUM PREREQUISITES OR COMPETENCIES**

- Refer to the Texas A&M University Graduate and Undergraduate Catalog for course descriptions. Competency in the content of the course is required rather than the specific course by number. The student applying to our graduate program is responsible for providing written evidence that these competencies have been met. Please note that courses taken online or at distance will not be accepted for laboratory-enhanced courses. The graduate office in the Department of Kinesiology and Sport Management in consultation with graduate committee chairs/advisors will review transcripts to verify the evidence. Deficiencies in these competencies may necessitate the student taking coursework in addition to the 60 semester hours required for the doctoral degree.

## **UNDERGRADUATE AND GRADUATE LEVELING WORK**

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