

Ph.D. Specialization: Movement Sciences - Exercise Science

Doctoral Core – 8 Credit Hours

Course Number	Course Title	Credits	Taken Semester/Year
ED 604	Grant-Writing and External Funding	3	
ED 604	Writing for Publication	3	
ED 611	Doctoral Seminar I	1	
ED 612	Doctoral Seminar II	1	

Research Core – 9 Credit Hours

Course Number	Course Title	Credits	Taken Semester/Year
ED 680	Philosophical Foundations of Educational Research	3	
ED 574	Introduction to Qualitative Research	3	
ED 571	Introduction to Quantitative Research	3	

Research Electives – 9 Credit Hours

Course Number	Course Title	Credits	Taken Semester/Year
ED 595	Survey Design for Social Science Research	3	
ED 584	Intermediate Quantitative	3	
ED 587	Advanced Quantitative	3	
ED 589	Designing and Conducting Qualitative Research	3	
ED 590	Qualitative Research: Writing, Critiquing, Practice, and Application	3	

***Note: Course work outside the college may be substituted (e.g., Statistics)**

Specialization– 9 Credit Hours

Course Number	Course Title	Credits	Taken Semester/Year
PEP 518	Advanced Physiology Exercise	3	
PEP 560	Applied Sport Psychology	3	

And three credits of the following Exercise Science Electives

PEP 504	Special Topics	3	
PEP 563	Physical Activity, Health, and Metabolic Disease	3	
PEP 523	Physical Activity Assessment	3	
PEP 561	Motivation in Sport and Recreation	3	
PEP 493	Fitness Assessment and Prescription	3	
PEP 699	Non-Dissertation Doctoral Research	3	

Cognate Option 1: Exercise Physiology – 24 Credit Hours

(Includes the Statistical Research Certification – minimum of 15 credits) Student need to work with advisor to select additional 6 credit from Exercise Science or Statistics electives

Course Number	Course Title	Credits	Taken Semester/Year
Stat 431	Statistical Analysis	3	

And three credits of the following

Stat 422	Survey Sample Methods	3	
Stat 507	Experimental Design	3	

And nine credits of the following Statistics Electives

Stat 428	Geostatistics	3	
Stat 451	Probability Theory	3	
Stat 452	Mathematical Statistics	3	
Stat 514	Nonparametric Statistics	3	
Stat 519	Multivariate Analysis	3	
Stat 555	Statistical Ecology	3	
Stat 565	Computer Intensive Statistics	3	

Other possible credits in the following Statistics Electives

Stat 423	Beginning SAS Programming	3	
Stat 424	Intermediate SAS Programming	3	
Stat 425	Topics in SAS Programming	3	
Stat 504	Applied Regression Modeling	3	
Stat WS522	Biostatistics and Statistical Epidemiology (WSU Stat 522)	3	

Cognate Option 2: Sport and Exercise Psychology Cognate – 24 Credit Hours

(Choose 24 credits from the following courses)

Course Number	Course Title	Credits	Taken Semester/Year
PEP WS 511	Theories, Research, and Techniques in Counseling Psychology	3	
PEP WS 512	Theories, Research, and Techniques in Counseling Psychology 2	3	
PEP WS 515	Ethics and Professional Problems in Counseling Psychology	3	
PEP WS 521	Theoretical Foundations of Group Counseling	3	
PEP WS 525	Counseling Diverse Populations	3	
PEP WS 541	Clinical and Experimental Hypnosis Seminar	3	

PEP WS 562	Advanced Hypnosis and Therapy	3	
PEP 502	Directed Study	Credits arranged	
PEP 597	Clinical Practicum	Credits arranged	
PEP 699	Non-Dissertation Doctoral Research	Credits arranged	
PSYC 525	Cognitive Psychology	3	
PSYC 526	Cognitive Neuroscience	3	
PSYC 528	Psychopathology	3	
PSYC 545	Group Dynamics	3	
PSYC 565	Physiological Psychology	3	
PSYC 590	Psychopharmacology	3	

Cognate Option 3: Biomechanics Cognate – 24 Credit Hours

Course Number	Course Title	Credits	Taken Semester/Year
PEP 502	Directed Study	3	
PEP 508	Motor Learning	3	
PEP 510	Motor Control	3	
PEP 516	Neuromechanics of Human Movement	3	
PEP 519	Qualitative Analysis of Movement	3	
PEP 699	Non-Dissertation Doctoral Research	Credits arranged	
MEDS 553	Musculoskeletal System (Must have WWAMI Director and course chair approval)	3	
NEUR WS 520	Fundamentals of Neurobiology (WSU Neuro 520 4 cr)	3	

Immersion Experience – 6 Credit Hours

Course Number	Course Title	Credits	Taken Semester/Year
PEP 610	Pedagogical Immersion	3	
PEP 611	Outreach Immersion	3	
PEP 612	Research Immersion	3	

Dissertation – 18 Credit Hours

Course Number	Course Title	Credits	Taken Semester/Year
ED 600	Dissertation Scheduled with MP	18	

Notes

- The Study Plan must have at least 83 (Ph.D.) credits beyond the Bachelor's degree.
- 33 credits must be in courses other than 600 (dissertation).

- 39 of the required 78 credits must be taken at University of Idaho.
- 52 credits must be at the 500 or higher level.
- Credit for courses numbered 599 cannot be counted in meeting the core or elective research requirements.