

# KINESIOLOGY - DOCTOR OF PHILOSOPHY

## Coursework

The Ph.D. in Kinesiology requires a minimum of 36 credit hours of formal coursework (beyond a masters degree) and an expected 24 credit hours of research and dissertation work. Thus, the minimum expected credit hour accumulation is 60 credit hours.

At least 12 credit hours must come from graduate courses in the department of Kinesiology. NMSU's department of Kinesiology offers courses across a range of foundational knowledge areas including:

1. Relationships among physical activity, health, and quality of life
2. Scientific foundations for the study of physical activity and human movement
3. The social, cultural, and historical context of the study of physical activity
4. The practice of physical activity

A minimum of 12 credit hours must be taken in research methodologies, at least 3 credits of which must be in experimental statistics and at least 3 credits from a qualitative methods course(s). There are many options for these courses on the NMSU campus that will permit the student to meet this requirement.

The remaining 12 credit hours are taken at the direction of the student's advisor and committee and agreed upon at the time of the student's qualifying exam (see below).

## Examinations

Students seeking the Doctor of Philosophy degree in Kinesiology must pass a (1) Qualifying Examination that must be completed before accumulating more than 24 credit hours towards their degree, a (2) Comprehensive Exam including written and oral elements that must be completed before beginning a final dissertation project, and a (3) Final Exam that includes the defense of their final dissertation study.

## Dissertation

The candidate for the degree of Doctor in Philosophy in Kinesiology must complete a dissertation in a focused area of study. The student and their committee must agree upon the dissertation topic, and approval of the dissertation requires the consent of the plurality of the student's committee members. The student must complete a minimum of 18 dissertation credit hours.

### Graduate courses currently offered in the department of Kinesiology

Prefix	Title	Credits
<b>Kinesiology Course Requirements</b>		<b>12</b>
SPMD 4540	Psychology of Coaching in Sport	
SPMD 4620	Nutrition and Metabolism of Sport	
SPMD 5350	Principles of Strength and Conditioning	
SPMD 5410	Biomechanics	
SPMD 5450	Exercise for Special Populations	
SPMD 5510	Psychology of Sport	
SPMD 5550	Skill Acquisition and Performance	
SPMD 5575	Advanced Motor Development	

SPMD 6310	The Social Construction of the Body	
SPMD 6350	Advanced Exercise Physiology	
SPMD 6410	Cardiovascular Physiology	
SPMD 6450	Skeletal Muscle: Structure and Function	
SPMD 6510	Designing Resistance Training Program	
SPMD 6996	Special Topics	
<b>Research Methodologies</b>		<b>12</b>
A ST 505	Statistical Inference I	
A ST 506	Statistical Inference II	
A ST 507	Advanced Regression	
A ST 555	Applied Multivariate Analysis	
EDUC 6440	Qualitative Research I	
PSYC 5220	Methods in Cognitive Psychology	
PSYC 5110	Quantitative Methods in Psychology I	
PSYC 5120	Quantitative Methods in Psychology II	
SOCI 5157	Seminar in Qualitative Research Methods	
SPMD 5310	Inferential Statistics in Sports and Exercise Science	
SPMD 5370	Research Methods in Kinesiology	
<b>Research and Dissertation</b>		<b>24</b>
SPMD 4997	Problems (May be repeated up to 9 credits)	
SPMD 6710	Project (May be repeated up to 12 credits)	
SPMD 6750	Kinesiology Research (May be repeated up to 15 credits)	
SPMD 7000	Doctoral Dissertation	
<b>Electives committee</b>	Elective hours are taken at the direction of the student's advisor and committee	<b>12</b>
<b>Total Credits</b>		<b>60</b>