

# KINESIOLOGY, PH.D.

The Ph.D. in Kinesiology requires a minimum of 60 credit hours. Some students are required to take additional hours beyond the minimum. Students may choose to take a general course of study in Kinesiology or choose from four concentration areas: Applied Neuromechanics, Curriculum and Pedagogy Studies in Physical Education, Exercise Physiology, and Sport and Exercise Psychology. Students must complete a minimum of 24 credits in Kinesiology, excluding dissertation hours.

For information regarding deadlines and requirements for admission, please see the Guide to Graduate Admissions (<https://grs.uncg.edu/prospective/guide/>).

In addition to the application materials required by The Graduate School, applicants must submit supplementary application materials required by the department.

## Degree Program Requirements

Required: 60-66 credit hours

Code	Title	Credit Hours
<b>Collateral Expertise</b>		
Research projects beyond those required in courses		
<b>Research Techniques (12 credits)</b>		
Select a minimum of 12 credits from courses focused on research techniques <sup>1</sup>		12
<b>Electives (36 credits)</b>		
Select at least 36 credits of elective courses <sup>2</sup>		36
<b>Dissertation (12-18 credits)</b>		
KIN 799	Dissertation <sup>3</sup>	12-18
Total Credit Hours		60-66

<sup>1</sup> With the approval of the student's Advisory Committee.

<sup>2</sup> With the approval of the Advisory Committee, the student selects at least 36 credits of course work tailored to meet their particular academic goals. This should include course work in a specialized knowledge base and course work in other areas of kinesiology and/or other departments. For those seeking a concentration in Applied Neuromechanics, Curriculum and Pedagogy Studies in Physical Education, Exercise Physiology, or Sport and Exercise Psychology, the 36 credits are designated in the concentration sections.

<sup>3</sup> Only 12 dissertation credits may be applied to the minimum of 60 credits required for the program – i.e., at least 48 non-dissertation credits must be completed.

### Collateral Expertise

The student is expected to work on research projects beyond those required in courses and to demonstrate to the department faculty that progress in these endeavors is satisfactory.

### Residency

The Department does not recognize summer session as part of the residency requirement for Ph.D. students. Two consecutive 15-week semesters of study in which a student is enrolled for a minimum of 6 credits of course work each term is needed to satisfy the residency

requirement. Course work taken in summer sessions may, of course, be included in a student's program.

## Formal Reviews and Examinations

The student must pass each of the reviews and examinations listed below. See this catalog and the Kinesiology Department graduate web site for details.

- Plan of Study approval
- Comprehensive Examination (written & oral)
- Dissertation Proposal approval
- Advancement to Candidacy
- Final oral examination (Dissertation Defense)

## Concentrations

### Applied Neuromechanics Concentration

Code	Title	Credit Hours
<b>Concentration Core (24 credits)</b>		
KIN 702	Research Seminar in Applied Neuromechanics	1
KIN 709	Mentored Teaching in Kinesiology	1-3
KIN 719	Muscular Aspects of Exercise Physiology	3
KIN 729	Learning and Performance of Physical Skills	3
KIN 730	Neural Aspects of Motor Control	3
KIN 742	Mechanical Analysis of Motor Skills	3
KIN 795	Independent Doctoral Research	1-6
KIN 798	Doctoral Seminar in Grant Writing	3
<b>Concentration Electives (12 credits)</b>		
Select a minimum of 12 credits of elective courses <sup>*</sup>		12
Total Credit Hours		36

<sup>\*</sup> In other areas of Kinesiology with approval of the Advisory Committee.

### Curriculum and Pedagogy Studies in Physical Education Concentration

Code	Title	Credit Hours
<b>Concentration Core (18 credits)</b>		
KIN 726	Development and Implementation of Fitness Programs	3
KIN 731	Curriculum Development in Kinesiology	3
KIN 732	Analysis of Teaching and Learning	3
KIN 735	Program Evaluation and Evidence-Based Practice in Physical Activity Programs	3
KIN 756	Psycho-Social Aspects of Teaching Physical Education and Sport	3
KIN 758	Multiculturalism and Physical Education Curriculum	3
<b>Concentration Electives (18 credits)</b>		
Select 18 credits of elective courses at the 600- to 700-level <sup>*</sup>		18
Total Credit Hours		36

<sup>\*</sup> With the approval of the Advisory Committee, select courses that complement the specialized knowledge base relevant to the student's academic interest and career goals.

## Exercise Physiology Concentration

Code	Title	Credit Hours
<b>Concentration Core (9 credits)</b>		
KIN 718	Cardiovascular Aspects of Exercise Physiology	3
KIN 719	Muscular Aspects of Exercise Physiology	3
KIN 770	Physiology of Exercise	3
<b>Concentration Electives (12 credits)</b>		
Select 12 credits from the following:		12
KIN 701	Research Topics in Kinesiology	
KIN 724	Physical Activity and Health	
KIN 767	Exercise Electrocardiography and Cardiopulmonary Medications	
KIN 768	Advanced Exercise Assessment	
KIN 769	Advanced Exercise Prescription	
KIN 775	Applied Human Work Physiology	
NTR 776	Nutrition and Physical Performance	
<b>Additional Electives (9 credits)</b>		
Select a minimum of 9 credits of elective courses *		9
<b>Required Research Prior to Dissertation (6 credits)</b>		
KIN 795	Independent Doctoral Research **	6
Total Credit Hours		36

\* In other areas of Kinesiology with approval of the Advisory Committee.

\*\* A minimum of 6 credits in KIN 795 must be selected.

## Sport and Exercise Psychology Concentration

Code	Title	Credit Hours
<b>Concentration Core (9 credits)</b>		
Select 9 credits from the following: *		9
KIN 724	Physical Activity and Health	
KIN 740	Psychology of Sport and Exercise	
KIN 741	Exercise Psychology	
KIN 743	Psychological Aspects of Sport Injury	
KIN 744	Applied Sport Psychology	
KIN 745	Seminar: Social Psychology and Physical Activity	
KIN 746	Practicum in Applied Sport and Exercise Psychology	
KIN 748	Advanced Topics in Sport Exercise and Psychology	
KIN 795	Independent Doctoral Research	
<b>Concentration Electives (27 credits)</b>		
Select a minimum of 27 credits of elective courses **		27
Total Credit Hours		36

\* Specialization area courses relate to the student's research focus and sport/exercise psychology interests. Course work should include advanced sport/exercise psychology courses (e.g. KIN 744, KIN 745, advanced topics).

\*\* With approval of the Advisory Committee.