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 https://grs.uncg.edu/programs/.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Collateral Expertise</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Research projects beyond those required in courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Research Techniques (12 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select a minimum of 12 credits from courses focused on research techniques</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Electives (36 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select at least 36 credits of elective courses</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Dissertation (12-18 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>KIN 799</td>
<td>Dissertation</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>60-66</td>
</tr>
</tbody>
</table>

1 With the approval of the student's Advisory Committee.

2 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.

3 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 website 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 702</td>
<td>Research Seminar in Applied Neuromechanics</td>
<td>1</td>
</tr>
<tr>
<td>KIN 709</td>
<td>Mentored Teaching in Kinesiology</td>
<td>1-3</td>
</tr>
<tr>
<td>KIN 719</td>
<td>Muscular Aspects of Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 729</td>
<td>Learning and Performance of Physical Skills</td>
<td>3</td>
</tr>
<tr>
<td>KIN 730</td>
<td>Neural Aspects of Motor Control</td>
<td>3</td>
</tr>
<tr>
<td>KIN 742</td>
<td>Mechanical Analysis of Motor Skills</td>
<td>3</td>
</tr>
<tr>
<td>KIN 756</td>
<td>Independent Doctoral Research</td>
<td>1-6</td>
</tr>
<tr>
<td>KIN 798</td>
<td>Doctoral Seminar in Grant Writing</td>
<td>3</td>
</tr>
<tr>
<td>Concentration Electives (12 credits)</td>
<td>Select a minimum of 12 credits of elective courses</td>
<td>12</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

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

Curriculum and Pedagogy Studies in Physical Education Concentration

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

* 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

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

* 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

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

* 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.