DOCTOR OF PHILOSOPHY IN THE FIELD OF EXERCISE PHYSIOLOGY AND APPLIED NUTRITION

OVERVIEW
Program Director: J. Sacheck

The doctor of philosophy (PhD) in exercise physiology and applied nutrition (EPAN) incorporates a fundamental and deep core appreciation that both exercise and nutrition together are more powerful in fighting many of the most significant public health problems of our time uniquely integrating both disciplines and which often have synergistic impacts on health. This multidisciplinary program provides a rigorous educational opportunity with a curriculum grounded in science and includes the use of sound methodological approaches and innovative thinking that leads to the advancement of knowledge that can be translated into real-world health applications of physiology and nutrition.

Visit the program website (https://publichealth.gwu.edu/programs/phd-exercise-physiology-and-applied-nutrition/) for additional information.

REQUIREMENTS

The following requirements must be fulfilled: 48 credits, including 10 credits in required core courses, 14 credits in program-specific foundational courses, 12 to 15 credits in “tailoring” elective courses, and 9 to 12 credits in dissertation research.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Core Courses</strong></td>
<td></td>
</tr>
<tr>
<td>PUBH 6080</td>
<td>Pathways to Public Health</td>
<td></td>
</tr>
<tr>
<td>PUBH 6421</td>
<td>Responsible Conduct of Research</td>
<td></td>
</tr>
<tr>
<td>PUBH 8099</td>
<td>Doctoral Topics (topic Seminar in Cross Cutting Concepts in Public Health only)</td>
<td></td>
</tr>
<tr>
<td>PUBH 8416</td>
<td>Study Design &amp; Evaluation Methods</td>
<td></td>
</tr>
<tr>
<td>PUBH 8418</td>
<td>Applied Statistical Analysis</td>
<td></td>
</tr>
<tr>
<td>or PUBH 6862</td>
<td>Applied Linear Regression Analysis for Public Health Research</td>
<td></td>
</tr>
<tr>
<td>PUBH 8435</td>
<td>PhD Dissertation Proposal Development</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Program-specific foundational courses</strong></td>
<td></td>
</tr>
<tr>
<td>EXNS 6209</td>
<td>Advanced Concepts in Nutrition Science</td>
<td></td>
</tr>
<tr>
<td>EXNS 6810</td>
<td>Advanced Metabolism</td>
<td></td>
</tr>
<tr>
<td>EXNS 8106</td>
<td>Advanced Concepts in Applied Human Physiology</td>
<td></td>
</tr>
<tr>
<td>EXNS 8108</td>
<td>Laboratory Techniques in Human Physiology and Nutrition</td>
<td></td>
</tr>
<tr>
<td>EXNS 8110</td>
<td>Seminar in Exercise Physiology and Applied Nutrition</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Electives</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 to 15 credits in elective “tailoring” courses selected in consultation with the advisor.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Dissertation research</strong></td>
<td></td>
</tr>
<tr>
<td>EXNS 8999</td>
<td>Dissertation Research (taken for 9 to 12 credits)</td>
<td></td>
</tr>
</tbody>
</table>

In order to continue to candidacy after required coursework has been completed, the comprehensive examination must be successfully completed.