Master of Science in Exercise Physiology Assessment Plan

Program Goals

1. **To recruit and retain students perusing an academic/research career in exercise physiology**
   Outcome measures
   1. At least 80% of students who enter the MS program will graduate
      Assessment method: UNLV enrollment and graduation data. Will be collected each Fall for the previous academic year (e.g. Data will be collected in Fall 2016 for the graduates in the 2015-2016 academic year).

2. **To prepare competent professionals in the area of exercise physiology**
   Outcome measures
   1. At least 80% of students will pursue an active and growing involvement in their discipline by achieving advanced certification and/or membership in ACSM, NSCA, or a related professional organization.
      Assessment method: Survey given in final semester, collected annually
   2. At least 80% of graduating candidates will rate themselves as being prepared to seek their first job an exercise-physiology related field
      Assessment method: Survey given in final semester, collected annually
   3. At least 80% of graduates will obtain employment in an exercise physiology-related setting within 12 months of graduation
      Assessment method: Qualtrics survey sent to graduates annually. Survey choices: A) Exercise physiology-related position; B) Other position; C) Not working. If B or C, why?
   4. At least 80% of KIN graduates will rate themselves as being at least prepared for their first exercise physiology-related job as a result of their MS program
      Assessment method: Qualtrics survey sent to graduates annually. Survey choices: A) well prepared; B) prepared; C) somewhat prepared; D) not prepared

Student Learning Outcomes. Successful students will be able to:

1. Demonstrate understanding in the principles of human physiology, exercise physiology, sports nutrition, and physical work capacity.
   Assessment method/course(s)?
2. Understand and use current research data in exercise physiology and integrate it into their professional practice to solve relevant problems and make effective decisions.
   Assessment method/course(s)?
3. Apply knowledge of the metabolic and physiologic benefits of exercise toward creating effective exercise interventions to treat and prevent metabolic diseases.
   Assessment method/course(s)?
4. Work with a team of colleagues to perform common laboratory assessments to determine health, fitness and disease states in a variety of diverse patients.
   Assessment method/course(s)?
5. Demonstrate appropriate breadth of knowledge of the background and principle research in their specialization in order to conduct a thesis.
   Assessment method/course(s)?
6. Work independently and with a team to communicate essential information in their discipline.
   Assessment method/course(s)?
<table>
<thead>
<tr>
<th>SLO</th>
<th>Course Assessed</th>
<th>Assessment Method</th>
<th>When</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrate understanding of the principles of sports nutrition</td>
<td>KIN 605</td>
<td>Students must earn a C (75%) or above on exams 1 and 2</td>
<td>Fall</td>
<td>90% earned a 75% or higher on exams 1 &amp; 2</td>
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<tr>
<td>Interpret scientific literature in the area of sports nutrition</td>
<td>KIN 605</td>
<td>Students must earn a C (75%) or above on their sports supplement written project</td>
<td>Fall</td>
<td>95% earned a grade of 75% or higher on their paper</td>
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