Master of Science in Kinesiology Assessment Plan

Program Goals

1. **To recruit and retain students perusing an academic/research career 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).
      
      | Year started | Started | Graduated | Dropped | Grad % | Still in |
      |--------------|---------|-----------|---------|--------|---------|
      | 2014         | Ex Phys | 8         | 4       | 0      | 100%    | 4       |
      | 2015         | Ex Phys | 2         | 1       | 1      | 100%    | 1       |
      | 2016         | Ex Phys | 4         | 3       | 0      | 100%    | 1       |

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) Research/academic position; B) Other position; C) Not working. If B or C, why?

4. At least 80% of 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

It is unknown whether the survey was disseminated, due to a change in program and assessment coordinator. Additionally, a change in the Qualtrics software may have affected the ability to obtain survey data. In the future, we will determine the feasibility of gathering the above data through a professional networking database such as Linkedin. The most recent Kinesiology and Nutrition Sciences Alumni Survey (2016) determined that 43% of alumni (50/117) pursued graduate school upon leaving our program, however the quantity of masters students versus undergraduate students is unknown, and whether the respondents were from the MS KIN or MS Exercise Physiology track (relating to outcome measure #3). According to this same survey, only 48% of alumni are currently employed within our academic field of study (relating to outcome measure #4), however as noted above, we are unable to distinguish between graduate and undergraduate responses for this survey question or between MS KIN and MS Exercise Physiology.

**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>
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</thead>
<tbody>
<tr>
<td>Work independently and with a team to communicate essential information in their discipline</td>
<td>KIN 750</td>
<td>Students must perform a quantitative literature review and present it to the class (grade of C (75%) or higher)</td>
<td>Fall</td>
<td>100% earned 75% or better on their presentation (2017)</td>
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<tr>
<td>Work with a team of colleagues to perform common laboratory assessments to determine health, fitness and disease states in a variety of diverse patients</td>
<td>KIN 739</td>
<td>Students must work as a group to master a laboratory protocol and teach in to fellow students (grade of C or higher)</td>
<td>Fall</td>
<td>83% (10/12) earned 75% or higher on the KIN 739 lab practical last year (2017). 90% (10/11) scored 75% or higher the year previous (Fall 2016). 100% (3/3) got 75% or higher the year before (Fall 2015).</td>
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What was learned from the assessment results?
- Results indicate that the MS KIN and the MS Exercise Physiology represent programs with high redundancy within the department.

How did the program respond to what was learned?
- In order to increase the efficiency of departmental offerings, the MS Exercise Physiology has been aligned under the MS KIN with the Graduate College, and paperwork has been submitted to put the MS Exercise Physiology degree on hold.