

## Academic Assessment Plan

### University of Florida

#### Academic Affairs

#### Academic Colleges

#### College of Health & Human Performance

#### Applied Physiology & Kinesiology

#### Applied Physiology & Kinesiology (MS)

##### 2016-17 HHP Applied Physiology & Kinesiology MS Program Mission

The **overall mission of the M.S. program in Applied Physiology and Kinesiology** is to train students for careers in scientifically based exercise programs for research, health maintenance, performance enhancement, cardiac risk identification, and rehabilitation.

This mission directly aligns with the broad mission of the College of Health and Human Performance (HHP), which is to “provide recognized programs of excellence in teaching, research and service that focus on assisting individuals, families and communities to promote health and prevent disease while enhancing quality of life across the lifespan”. It also aligns with UF’s broader mission through explicit focus on fundamental basic science questions dealing with the mechanisms that underlie physical and psychosocial health and well-being, as well as the multiple roles of health education, leisure, and entertainment, in maximizing quality of life.

We have five different emphasis areas and their unique missions are as follows:

**Biobehavioral:** To prepare students for doctoral study in biobehavioral sciences, or to obtain private sector employment in the area of human biobehavioral evaluation.

**Exercise Physiology:** To train students for careers in scientifically based exercise programs for research, health maintenance, cardiac risk identification, and rehabilitation.

**Athletic Training:** To train students who are certified athletic trainers or certify-eligible athletic trainers for careers in sports medicine and areas emphasizing prevention, assessment, treatment, rehabilitation, therapeutic modalities, and administration.

**Clinical Exercise Physiology:** To train students to be an integral part of a health care team that administers, tests, and develops programs of exercise, counseling, and education for patients with cardiopulmonary, metabolic, and musculoskeletal diseases.

**Human Performance:** To train students for careers where they can promote scientifically based exercise, wellness, and psychological factors to enhance athletic development and/or movement performance.

**Responsible Roles:** Professor (Janelle, Christopher)

**Program:** Applied Physiology & Kinesiology (MS)

**Progress:** Ongoing

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##### 2016-17 PG 1: Increase the number of students in the Master's program

To increase the number of students in the Master's program.

**Evaluation Method**

Acceptance rates and yield for 2016 admissions cycle.

**Responsible Role:** Professor (Janelle, Christopher)

**Progress:** Ongoing

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**2016-17 PG 2: Maintain and continue to improve the quality of the program**

To maintain and continue to improve the quality of the program.

**Evaluation Method**

Length of time in the program, successful completion of final examination, GPA (>3.0), and quality of incoming students.

**Responsible Role:** Professor (Janelle, Christopher)

**Progress:** Ongoing

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**2016-17 SLO 1: Knowledge**

Discuss, explain, and defend subject matter relevant to the discipline – exercise physiology, biobehavioral science, clinical exercise physiology, human performance, athletic training.

**SLO Area (select one):** Knowledge (Grad)

**Responsible Role:** Professor (Janelle, Christopher)

**Progress:** Ongoing

**Assessment Method**

Successful thesis presentation per department standards and guidelines.

Successful written comprehensive final exam per department standards and guidelines.

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**2016-17 SLO 2: Skills**

Discuss, explain, and defend in the discipline specific skills - exercise physiology, biobehavioral science, clinical exercise physiology, human performance, athletic training

**SLO Area (select one):** Skills (Grad)

**Responsible Role:** Professor (Janelle, Christopher)

**Progress:** Ongoing

**Assessment Method**

Successful written and oral defense of thesis per department standards and guidelines.

Successful completion of internship and/or clinical experience per department standards and guidelines.

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**2016-17 SLO 3: Professional Behavior**

Demonstrate proficiency in conducting themselves in a professional manner.

**SLO Area (select one):** Professional Behavior (Grad)

**Responsible Role:** Professor (Janelle, Christopher)

**Progress:** Ongoing

**Assessment Method**

Successful written and oral defense of thesis per department standards and guidelines.

Evaluation of performance in internship and/or clinical experience per department standards and guidelines.

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**MS APK AAP Detail**

**Start:** 7/1/2016

**End:** 6/30/2017

**Progress:**

**Providing Department:** Applied  
Physiology & Kinesiology (MS)

**Responsible Roles:** Professor (Janelle,  
Christopher)

**Research (Graduate and Professional  
AAPs only)**

We have five concentrations in our M.S. degree in Applied Physiology and Kinesiology. The focus of two of them is to prepare students to become researchers in the discipline. These concentrations are the biobehavioral and exercise physiology areas. Although students in the other three concentrations do receive research-related training, this comes primarily from courses and volunteer involvement in laboratories.

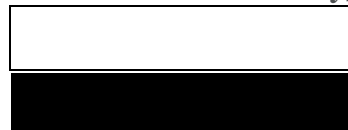
**Expectations:** The research expectations of M.S. students for the research intensive concentrations in biobehavioral science and exercise physiology are primarily formalized by the supervisory committee and the mentor, under the guiding principles of the department. Some mentors provide a formal contractual document that specifies expectations while others do so through verbal discourse. Regardless of mentoring approach, students systematically proceed through the program of study for their respective concentrations in a manner that maximizes opportunities for scholarly development and achievement. Curricular, co-curricular, and engagement opportunities are provided to aid our students in their scholarly pursuits. The first year of the MS program, regardless of concentration, is commonly focused on satisfying core concentration course requirements as well

as coursework in research methods, experimental design, and statistical analyses. The second year is more focused on supervised mentored research experiences.

**Training:** The students receive outstanding multidisciplinary training in the Department of Applied Physiology and Kinesiology because of the nature of the program. Research in the Department covers the full spectrum of human potential: from young to old, fit to unfit, healthy to diseased, able-bodied to disabled, and from the casual recreational participant to the high-level athlete. In addition to exposure to our curriculum and world-wide respected laboratories, students have an amazing opportunity to be exposed to many beneficial interactions with other areas of science within UF. This results because our Department has established meaningful research relationships with units in the College of Medicine, the College of Health Related Professions, the College of Engineering, the Departments of Veterinary Medicine, Pharmacology, Physiology, Psychology, Zoology, the Veterans Administration Center, and the Center for Gerontological Studies (this list is not all inclusive). Such opportunities are complemented by co-curricular events such as research seminars and “Lunch and Learn” sessions with visiting scholars who regularly come to UF to share their research findings and interact with students and faculty.

Collectively, the research culture in our Department directly and indirectly aids in developing outstanding M.S. students who are capable of moving into a PhD program and advancing the research mission of the college and university.

**Assessment Timeline (Graduate and Professional AAPs only)**



SLOs	Assessment
Knowledge	
#1	Successful thesis presentation per department standards and guidelines.
	Successful written comprehensive final exam per department standards and guidelines
Skills	
#2	Successful thesis presentation per department standards and guidelines.
	Successful completion of internship and/or clinical experience per department standards and guidelines.
Professional Behavior	
#3	Successful thesis presentation per department standards and guidelines.
	Evaluation of performance in internship and/or clinical experience per department standards and guidelines.

**Curriculum Map (UG AAPs only)**

**Assessment Cycle (All AAPs)**

M.S. in Applied Physiology and Kinesiology - College of Health and Human Performance

Analysis and Interpretation: May - June

Program Modifications: August 20

Dissemination: September 15

Year	10-11	11-12	12-13	13-14	14-15	15-16
<b>SLOs</b>						
<b>Content Knowledge</b>						
#1	*	*	X	X	X	X
<b>Skills</b>						
#2	*	*	X	X	X	X
<b>Professional Behavior</b>						
#3	*	*	X	X	X	X

\*Data were not systematically collected until 2012-13

### Methods and Procedures (UG and Certificate AAPs)

### SLO Assessment Rubric (All AAPs)

 2015-16 APK MS Assessment Rubric

### Measurement Tools (Graduate and Professional AAPs Only)

**Thesis defense:** The student's thesis committee will evaluate the submitted thesis and decide whether it is acceptable based on their expertise and professional judgment. The outcome will be "pass" or "fail". Successful thesis defense will receive a pass grade from the committee.

**Written comprehensive exam:** Each non-thesis student will have a committee that will comprise of the student's advisor and one other faculty member of the Department. The exam consists of a single day four hour exam (closed book) in three areas: 1) core, 2) specialization, and 3) research methods and statistics. The outcome will be "satisfactory performance", "needs oral exam", "additional coursework needed". Successful comprehensive exams will receive a satisfactory performance grade from the two-member committee. Please see attached rubric.

**Internship evaluation:** The student's site supervisor will provide a written evaluation (rubric) to the assessment committee. The committee evaluates the results and assesses strengths, weakness and professional behavior patterns of professional behavior of the interns.

### Assessment Oversight (All AAPs)

Name	Department Affiliation	Email Address	Phone Number
Dr. Evangelos A. Christou	Graduate Coordinator/APK	<a href="mailto:eachristou@ufl.edu">eachristou@ufl.edu</a>	352-294-1719
Dr. Chris M. Janelle	Associate Dean for	<a href="mailto:cjanelle@hnp.ufl.edu">cjanelle@hnp.ufl.edu</a>	352-294-1718

	Academic Affairs/HHP		
Dr. Suzanne Sneed-Murphy	Director of Assessment/HHP	<a href="mailto:murphysm@hhp.ufl.edu">murphysm@hhp.ufl.edu</a>	352-294-1607

### Academic Assessment Plan Entry Complete:

#### MS APK AAP Detail CURRENT

**Start:** 7/1/2016

**End:** 6/30/2017

**Progress:** Ongoing

**Providing Department:** Applied Physiology & Kinesiology (MS)

**Responsible Roles:** Professor (Janelle, Christopher)

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Program M.S. in Applied Physiology and Kinesiology College of Health and Human Performance

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<b>Skills</b>	
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<b>Professional Behavior</b>	
#3	<p>Successful thesis presentation per department standards and guidelines.</p> <p>Evaluation of performance in internship and/or clinical experience per department standards and guidelines.</p>

**Curriculum Map (UG AAPs only)**

**Assessment Cycle (All AAPs)**

Assessment Cycle for:

M.S. in Applied Physiology and Kinesiology - College of Health and Human Performance



Analysis and Interpretation: May - June

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Dissemination: September 15

Year	15-16	16-17	17-18	18-19	19-20	20-21
<b>SLOs</b>						
<b>Content Knowledge</b>						
#1	X	X	X	X	X	X
<b>Skills</b>						
#2	X	X	X	X	X	X
<b>Professional Behavior</b>						
#3	X	X	X	X	X	X

### Methods and Procedures (UG and Certificate AAPs)

### SLO Assessment Rubric (All AAPs)

 2016-17 APK MS Assessment Rubric

### Measurement Tools (Graduate and Professional AAPs Only)

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Dr. Chris M. Janelle	Associate Dean for Academic Affairs/HHP	<a href="mailto:cjanelle@hhp.ufl.edu">cjanelle@hhp.ufl.edu</a>	352-294-1718
Dr. Suzanne Sneed- Murphy	Director of Assessment/HHP	<a href="mailto:murphysm@hhp.ufl.edu">murphysm@hhp.ufl.edu</a>	352-294-1607

**Academic Assessment Plan Entry Complete:**