

Academic Assessment Plan

University of Florida

Academic Affairs

Academic Colleges

College of Health & Human Performance

Applied Physiology & Kinesiology

Applied Physiology & Kinesiology (BSAPK)

2017-18 HHP Applied Physiology & Kinesiology BS Program Mission

The undergraduate Applied Physiology and Kinesiology major at the University of Florida offers specializations in exercise physiology and fitness/wellness. The student will gain an extensive understanding of the anatomical, physiological and psychological consequences to human movement and will explore the relationship between physical activity, health and disease. Through academic and internship preparation, students earning a Bachelor of Science in Applied Physiology and Kinesiology (BS-APK) are prepared to enter graduate programs in exercise physiology, biobehavioral science (e.g., biomechanics, sport psychology, motor control), and professional schools (e.g., medical, physical therapy, occupational therapy, etc.) and/or enter the workforce to serve in multi-disciplinary areas within the fitness, health, and wellness community.

The mission of the Applied Physiology and Kinesiology undergraduate degree supports the missions of both the College of Health and Human Performance and the University of Florida. APK faculty and students engage in courses, research and service-driven opportunities which promote health, health education, and overall wellness to individuals as well as local, regional, national, and even global communities.

Responsible Roles: Professor (Janelle, Christopher)

Program: Applied Physiology & Kinesiology (BSAPK)

Progress:

2017-18 PG 1: Provide quality core courses

To provide quality core courses which build a strong knowledge base in applied physiology and kinesiology.

Evaluation Method

The APK Undergraduate Curriculum Committee will review the APK program evaluation/student exit survey: question #2.

Responsible Role: Professor (Janelle, Christopher)

Progress: Ongoing

2017-18 PG 2: Provide quality specialization courses

To provide quality specialization courses which allow students in each major track (Fitness/Wellness and Exercise Physiology) to develop critical thinking skills and practice applying their core knowledge and skills in a context that is most relevant to their future goals and personal interests.

Evaluation Method

The APK Undergraduate Curriculum Committee will review the APK program evaluation/student exit survey: question #3.

Responsible Role: Professor (Janelle, Christopher)

Progress: Ongoing

2017-18 PG 3: Ensure quality internship experiences

To ensure quality internship experiences that allow students to put core knowledge and skills into practice and expand their ability to apply basic knowledge under the supervision and tutelage of field experts in a variety of settings.

Evaluation Method

The APK Undergraduate Curriculum Committee will review the APK program evaluation/student exit survey: question #4.

Responsible Role:

Progress: Ongoing

2017-18 PG 4: Enhance Professionalism

To Enhance professionalism standards for our students within the classroom and beyond.

Evaluation Method

The APK Undergraduate Curriculum Committee will produce and administer a faculty survey to gauge perceived progress from an “in the classroom” perspective. The APK Internship Coordinator has also added a professionalism item to the evaluations performed throughout the semester by internship site supervisors.

Responsible Role: Professor (Janelle, Christopher)

Progress: Ongoing

2017-18 PG 5: Enhance experiential learning

To Enhance the experiential learning that occurs in the current curriculum prior to students entering internship.

Evaluation Method

The APK Undergraduate Curriculum Committee will survey faculty regarding current practices within their courses that would be categorized as “experiential.”

Responsible Role: Professor (Janelle, Christopher)

Progress: Ongoing

2017-18 SLO 1: Content

Integrate principles and methods of math, social sciences, and arts and humanities to applied physiology and kinesiology, wellness, and/or fitness environments

SLO Area (select one): Content (UG)

Responsible Role: Professor (Janelle, Christopher)

Progress: Ongoing

Assessment Method

Laboratory Practical Exam

Exam score : Student must earn a 3 out of 5 or higher

Internship Evaluation

Supervisors final evaluation: Student must earn a 3 out of 5 or higher

2017-18 SLO 2: Content

Identify and relate the nomenclature, structures, and locations of components of human anatomy to health, disease, and physical activity.

SLO Area (select one): Content (UG)

Responsible Role: Professor (Janelle, Christopher)

Progress: Ongoing

Assessment Method

Laboratory Practical Exam

Exam score : Student must earn a 3 out of 5 or higher

Internship Evaluation

Supervisors final evaluation: Student must earn a 3 out of 5 or higher

2017-18 SLO 3: Content

Identify, examine, and explain physiological mechanisms of homeostasis at various levels of an organism (i.e., cells, tissues, organs, systems).

SLO Area (select one): Content (UG)

Responsible Role: Professor (Janelle, Christopher)

Progress: Ongoing

Assessment Method

Laboratory Practical Exam

Exam score : Student must earn a 3 out of 5 or higher

Internship Evaluation

Supervisors final evaluation: Student must earn a 3 out of 5 or higher

2017-18 SLO 4: Content

Investigate and explain the effects of physical activity on psychological health as well as the perspectives used to enhance adherence to healthier lifestyles.

SLO Area (select one): Content (UG)

Responsible Role: Professor (Janelle, Christopher)

Progress: Ongoing

Assessment Method

Laboratory Practical Exam

Exam score : Student must earn a 3 out of 5 or higher

Internship Evaluation

Supervisors final evaluation: Student must earn a 3 out of 5 or higher

2017-18 SLO 5: Content

Identify and explain the acute and chronic anatomical and physiological adaptations to exercise, training, and physical activity.

SLO Area (select one): Content (UG)

Responsible Role: Professor (Janelle, Christopher)

Progress: Ongoing

Assessment Method

Laboratory Practical Exam

Exam score : Student must earn a 3 out of 5 or higher

Internship Evaluation

Supervisors final evaluation: Student must earn a 3 out of 5 or higher

2017-18 SLO 6: Critical Thinking

Select and utilize the appropriate scientific principles when assessing the health and fitness of an individual and prescribing physical activity based on those assessments.

SLO Area (select one): Critical Thinking (UG)

Responsible Role: Professor (Janelle, Christopher)

Progress: Ongoing

Assessment Method

Laboratory Practical Exam

Exam score : Student must earn a 3 out of 5 or higher

Internship Evaluation

Supervisors final evaluation: Student must earn a 3 out of 5 or higher

2017-18 SLO 7: Critical Thinking

Solve applied physiology and kinesiology problems from personal, scholarly, and professional perspectives using fundamental concepts of health and exercise, scientific inquiry, and analytical, critical, and creative thinking.

SLO Area (select one): Critical Thinking (UG)
Responsible Role: Professor (Janelle, Christopher)
Progress: Ongoing

Assessment Method
Laboratory Practical Exam

Exam score : Student must earn a 3 out of 5 or higher

Internship Evaluation

Supervisors final evaluation: Student must earn a 3 out of 5 or higher

2017-18 SLO 8: Critical Thinking

Collect, compare, and interpret qualitative or quantitative data in an applied physiology and kinesiology context.

SLO Area (select one): Critical Thinking (UG)
Responsible Role: Professor (Janelle, Christopher)
Progress: Ongoing

Assessment Method
Laboratory Practical Exam

Exam score : Student must earn a 3 out of 5 or higher

Internship Evaluation

Supervisors final evaluation: Student must earn a 3 out of 5 or higher

2017-18 SLO 9: Communication

Effectively employ written, oral, visual, and electronic communication techniques to foster inquiry, collaboration, and engagement among applied physiology and kinesiology peers and professionals as well as with patients, clients, and/or subjects.

SLO Area (select one): Communication (UG)
Responsible Role: Professor (Janelle, Christopher)
Progress: Ongoing

Assessment Method
Laboratory Practical Exam

Exam score : Student must earn a 3 out of 5 or higher

Internship Evaluation

Supervisors final evaluation: Student must earn a 3 out of 5 or higher

End: 6/30/2018

Progress:

Providing Department: Applied Physiology & Kinesiology (BSAPK)

Responsible Roles: Professor (Janelle, Christopher)

Research (Graduate and Professional AAPs only)

Assessment Timeline (Graduate and Professional AAPs only)

Curriculum Map (UG AAPs only)

Curriculum Map for: Applied Physiology & Kinesiology
Performance

College: Health & Human

The assessment tools used in the Curriculum Map to capture completion of the SLOs include 1) Laboratory Practical Examination (APK 4125c) and 2) Supervisor Evaluation of Internship For (APK 4940c).

Key: Introduced

Reinforced

Assessed



Assessment Cycle (All AAPs)

As part of the capstone internship experience, data collection regarding SLO assessment will occur annually by the Internship Coordinator/APK Academic Advisor. After review and compilation, data analysis and interpretation will occur by members of the APK undergraduate curriculum committee (UCC). Using the capstone evaluation of the SLO's and student experience, the committee will assess current benchmark measures and make recommendations in the form of an enhancement plan to faculty for implementation. The APK UCC has revised and implemented a rubric for SLO assessment in both APK 4125 and the capstone internship experience. Data review will occur annually at the end of the summer term (capturing the data from the three previous internship semesters – fall, spring, and summer). Members of the APK UCC will analyze the data and make appropriate recommendations to faculty during the fall semester. It is expected that implementation of recommended revisions will occur on or before the start of the spring semester.

Assessment Cycle Chart

Assessment Cycle for: Applied Physiology & Kinesiology

College: Health & Human Performance

Data Collection:	Annually – Fall, Spring, Summer Semester
Review, Analysis and Interpretation:	End of Summer Semester (August 15)
Recommended Revisions:	Fall Semester
Implementation of Revisions:	Beginning of Spring Semester (January)

SLOs	Year	16-17	17-18	18-19	19-20	20-21	21-22
Content Knowledge							
	#1	✓	✓	✓	✓	✓	✓
	#2	✓	✓	✓	✓	✓	✓
	#3	✓	✓	✓	✓	✓	✓
	#4	✓	✓	✓	✓	✓	✓
	#5	✓	✓	✓	✓	✓	✓
Critical Thinking							
	#6	✓	✓	✓	✓	✓	✓
	#7	✓	✓	✓	✓	✓	✓
	#8	✓	✓	✓	✓	✓	✓
Communication							
	#9	✓	✓	✓	✓	✓	✓

Methods and Procedures (UG and Certificate AAPs)

2017-18 Student Learning Outcome	Assessment Method	Measurement Procedure
Integrate principles and methods of math, social sciences, and arts and humanities to applied physiology and kinesiology, wellness, and/or fitness environments	Laboratory Practical Exam Internship Evaluation	Exam score : Student must earn a 3 out of 5 or higher Supervisors final evaluation: Student must earn a 3 out of 5 or higher
Identify and relate the nomenclature, structures, and locations of components of human anatomy to health, disease, and physical activity.	Laboratory Practical Exam Internship Evaluation	Exam score : Student must earn a 3 out of 5 or higher Supervisors final evaluation: Student must earn a 3 out of 5 or higher
Identify, examine, and explain physiological mechanisms of homeostasis at various levels of an organism (i.e., cells, tissues, organs, systems).	Laboratory Practical Exam Internship Evaluation	Exam score : Student must earn a 3 out of 5 or higher Supervisors final evaluation: Student must earn a 3 out of 5 or higher
Investigate and explain the effects of physical activity on psychological health as well as the perspectives used to enhance adherence to healthier lifestyles.	Laboratory Practical Exam Internship Evaluation	Exam score : Student must earn a 3 out of 5 or higher Supervisors final evaluation: Student must earn a 3 out of 5 or higher
Identify and explain the acute and chronic anatomical and physiological adaptations to exercise, training, and physical	Laboratory Practical Exam	Exam score : Student must earn a 3 out of 5 or higher

activity.

Internship Evaluation

Supervisors
final evaluation:
Student must
earn a 3 out of 5
or higher

Select and utilize the appropriate scientific principles when assessing the health and fitness of an individual and prescribing physical activity based on those assessments.

Laboratory Practical Exam

Exam score :
Student must
earn a 3 out of 5
or higher

Internship Evaluation

Supervisors
final evaluation:
Student must
earn a 3 out of 5
or higher

Solve applied physiology and kinesiology problems from personal, scholarly, and professional perspectives using fundamental concepts of health and exercise, scientific inquiry, and analytical, critical, and creative thinking.

Laboratory Practical Exam

Exam score :
Student must
earn a 3 out of 5
or higher

Internship Evaluation

Supervisors
final evaluation:
Student must
earn a 3 out of 5
or higher

Collect, compare, and interpret qualitative or quantitative data in an applied physiology and kinesiology context.

Laboratory Practical Exam

Exam score :
Student must
earn a 3 out of 5
or higher

Internship Evaluation

Supervisors
final evaluation:
Student must
earn a 3 out of 5
or higher

Effectively employ written, oral, visual, and electronic communication techniques to foster inquiry, collaboration, and engagement among applied physiology and kinesiology peers and professionals as well as with patients, clients, and/or subjects.

Laboratory Practical Exam

Exam score :
Student must
earn a 3 out of 5
or higher

Internship Evaluation

Supervisors
final evaluation:
Student must
earn a 3 out of 5
or higher

A variety of methods and procedures are utilized to assess, collect and analyze data relating to department's nine student learning outcomes (SLOs).

Completion of the Academic Learning Compact (ALC) Evaluation by the student's internship supervisor, as part of APK4940c Internship, is a form of direct assessment. The supervisors evaluate students on at least six of the 9 specific student learning outcomes. An example of the ALC evaluation is provided below. Responses are recorded on a 5-point scale, with 5 denoting the most positive response. Students must earn a 3 on any of the 9 competencies they are rated on in order to successfully meet the ALC requirement. Indirect assessments include the APK Curriculum Survey, Internship Experience Evaluation, and information regarding student admission and denial decisions, graduation and enrollment.

Outcome assessment of the SLOs occurs via a practical demonstration component of the APK4940c course (see rubric below). Students individually perform assessments on themselves or the practical while formally answering questions regarding related anatomy, physiology, and course-specific content (not shown in the document) in a clear and professional manner. Assessed by the lab teaching assistant and/or course instructor, the exam simulates practical expectations for their internship. The data capture process assesses each of the 9-SLOs via a 5-point scale allowing for consistency across semesters when different instructors and teaching assistants administer the exam, and align this direct form of SLO assessment with how internship site supervisors are asked to evaluate students. Students must earn a 3 out of 5 on all SLOs on this exam in order to successfully meet the ALC requirement allowing them to be eligible to register for and complete capstone internship. Students who do not meet the benchmark for "passing" the practical exam are given a chance to remediate the exam with a different assessor. Failure to meet the benchmark on the second attempt results in an Individualized Assessment Plan specific to the deficits highlighted by the exam. That Individualized Assessment Plan is constructed by the course instructor with recommendations from the Internship Coordinator, Academic Advisor, and Teaching Assistant for the course. The UCC reviews and make recommendations to the department chair and faculty regarding appropriate benchmarks for quantifying the successful completion of SLOs through the academic program and capstone internship experience.

The student Internship is evaluated through e-learning assignments and an Internship Experience Evaluation. Prior to graduation, all Applied Physiology and Kinesiology majors are required to complete a 520-hour full-time internship in a research, rehabilitation or fitness setting. Four evaluations are completed by the intern's site supervisor: two progress reports, a midterm evaluation, and a final evaluation (see rubric below). Additionally, students have an opportunity to "rate" their internship site and provide feedback regarding their internship experience through the Internship Experience Evaluation and an e-learning assignment. Information provided will help the department in recommending the internship site for future interns as well as to help the internship site improve its internship program. The intern is encouraged to provide an honest, constructive evaluation of their experience. This information is sent directly to the APK Internship Coordinator.

At the end of each semester, the Department requires all APK majors who are graduating to complete the APK Curriculum Survey and the Profile of Position After Graduation form. The APK Curriculum Survey allows students to rate each of the universal tracking and major courses they took as part of the Applied Physiology and Kinesiology program as well as provide comments on faculty availability, teaching effectiveness, internship experience, and experience with advising departmental staff. In addition, the survey allows the student to provide feedback regarding how well SLOs are introduced, reinforced, and/or assessed in specific core courses. The Profile of Position After Graduation form asks students to identify their post-graduation plans: have begun job search or been offered a job (if yes, type of employment) and where; plan to attend graduate/professional school (if accepted, program of study and where); plan to enter military service (which branch).

SLO Assessment Rubric (All AAPs)

See attached files.

 Internship Final Assessment Rubric PracticalExamRubric APK BS**Measurement Tools (Graduate and Professional AAPs Only)****Assessment Oversight (All AAPs)**

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Academic Assessment Plan Entry Complete: