

Kinesiology MS (Sport and Human Performance)

Knowledge, Skills, and Abilities

Goal Description:

The Kinesiology MS (Sport and Human Performance) program will emphasize the knowledge, skills, and abilities that are needed by professionals in sport and human performance.

Providing Department: Kinesiology MS (Sport and Human Performance)

RELATED ITEMS/ELEMENTS

RELATED ITEM LEVEL 1

Knowledge (Comps)

Learning Objective Description:

Graduating students in the Kinesiology MS (Sport and Human Performance) program will demonstrate appropriate knowledge in Kinesiology.

RELATED ITEM LEVEL 2

Comprehensive exams

Indicator Description:

Graduating students in the Kinesiology MS (Sport and Human Performance) program will take comprehensive exams covering research methods and three content areas chosen by the student in cooperation with the graduate advisor. Specific questions and requirements are determined by the professors of the chosen content areas.

Criterion Description:

At least 80% of graduating students in the Kinesiology MS (Sport and Human Performance) program will pass comprehensive exams without conditions on their first attempt.

Findings Description:

3 of the 14 students (21%) passed comprehensive exams without conditions on their first attempt.

RELATED ITEM LEVEL 3

Comprehensive Exam

Action Description:

Greater emphasis will be placed on the importance of these exams as a capstone project. Also, we will work with SHSU online to reopen the classes for the students to utilize for studying purposes before the exams.

Problem Solving and Reasoning

Goal Description:

The Kinesiology MS (Sport and Human Performance) program will emphasize problem solving and reasoning skills related to sport and human performance.

Providing Department: Kinesiology MS (Sport and Human Performance)

RELATED ITEMS/ELEMENTS

RELATED ITEM LEVEL 1

Evaluation of Peer-Reviewed Research

Learning Objective Description:

Students in the Kinesiology MS (Sport and Human Performance) program will demonstrate appropriate evaluation of peer-reviewed research in kinesiology.

RELATED ITEM LEVEL 2

Research Analysis Assignment

Indicator Description:

Students will complete a research analysis assignment evaluating peer-reviewed research on a topic of choice. A rubric developed by program faculty will be used to assess the student's evaluation of the research.

Criterion Description:

At least 80% of students in the Kinesiology MS (Sport and Human Performance) program will earn at least 80% on the research analysis assignment in selected courses.

Findings Description:

28 of 31 students (90%) enrolled in KINE 5374 earned a grade of 80% or above on their research assignment

RELATED ITEM LEVEL 3

Research Analysis Assignment

Action Description:

Continued emphasis will be placed on maintaining a research analysis assignment in the program

Research Skills

Goal Description:

The Kinesiology MS (Sport and Human Performance) program will emphasize the research skills appropriate for professionals in sport and human performance.

Providing Department: Kinesiology MS (Sport and Human Performance)

RELATED ITEMS/ELEMENTS -----

RELATED ITEM LEVEL 1

Research Ethics (CITI)

Learning Objective Description:

Students in the Kinesiology MS (Sport and Human Performance) program will demonstrate knowledge of appropriate research ethics.

RELATED ITEM LEVEL 2

CITI Completion

Indicator Description:

Students in the Kinesiology MS (Sport and Human Performance) program will complete the Collaborative Institutional Training Initiative (CITI) ethical research training required by Sam Houston State University Institutional Review Board/Protection of Human Subjects. This training is completed one time and is good for 5 years. Students will be required to submit documentation of completed training each semester.

Criterion Description:

All (100%) of Kinesiology MS (Sport and Human Performance) program students will complete CITI training. Documentation will be submitted in at least one course per semester.

Findings Description:

31/31 (100%) enrolled in KINE 5374 completed their CITI training

RELATED ITEM LEVEL 3

CITI Completion

Action Description:

Continued emphasis will be laced on maintaining CITI completion early in the SHP program

RELATED ITEM LEVEL 1

Research Proposal

Learning Objective Description:

Students in the Kinesiology MS (Sport and Human Performance) program will create an appropriate research proposal.

RELATED ITEM LEVEL 2

Appropriate Research Proposal

Indicator Description:

Students in the Kinesiology MS (Sport and Human Performance) program will create a research proposal evaluating the current literature, identifying purpose and hypotheses, detailed methods, and expected findings on a topic of choice. A rubric developed by program faculty will be used to assess the research proposals.

Criterion Description:

At least 80% of students in the Kinesiology MS (Sport and Human Performance) program will earn at least 80% on the research proposal in selected courses.

Findings Description:

27/31 (87%) of students enrolled in KINE 5374 made an 80 or above on their research proposal

RELATED ITEM LEVEL 3

Appropriate Research Proposal

Action Description:

Continued emphasis will be placed on SHP students developing an appropriate research proposal early in the program

Virtual Reality Modules

Goal Description:

The Kinesiology Sport and Human Performance program will utilize Virtual Reality (VR) and Augmented Reality (AR) to assist students with their understanding of laboratory based performance measurements, equipment, and research procedures.

Providing Department: Kinesiology MS (Sport and Human Performance)

Progress: Ongoing

RELATED ITEMS/ELEMENTS -----

RELATED ITEM LEVEL 1

Gaining Laboratory and Research Skills through virtual experiences

Learning Objective Description:

Students will participate and engage in VR and AR learning modules to gain laboratory and research skills.

RELATED ITEM LEVEL 2

VR assessments

Indicator Description:

Students will complete assessments at the end of each learning module.

Criterion Description:

80% of students will pass with a grade of 80% or higher on the learning modules.

Findings Description:

No students completed a VR assessment

RELATED ITEM LEVEL 3

Action - VR Assessments

Action Description:

At this time VR has not been completed due to faculty shortage. The Department has a search beginning Fall 22 for a Motor Learning/Biomechanics Instructor that the department hopes can take a lead role in the VR development

Update to Previous Cycle's Plan for Continuous Improvement Item

Previous Cycle's Plan For Continuous Improvement (Do Not Modify):

Closing Summary

While results were favorable for the program, we anticipate even greater progress towards goals in the post COVID era. Teaching methods will be evaluated by the Chair of the Department, and increased communication regarding assessment will be facilitated by the Graduate Coordinator.

Update of Progress to the Previous Cycle's PCI:

Emphasis will be placed on assisting students with comprehensive exams in order to increase initial pass rate. Program is growing and progress toward goals has overall been positive. Increased communication between SHP faculty will be emphasized to ensure students are making adequate progress toward matriculating through the program.

New Plan for Continuous Improvement Item

Closing Summary:

The SHP program has overall experienced a positive year - greater emphasis placed on various aspects of student growth and experiences will highlight our 2022-23 academic priorities.