

INFORMATION ON NEW CONTRIBUTIONS OF THE THESIS

A. PERSONAL INFORMATION

Thesis title: *Establishing standards for evaluating the physical fitness level of high-level male fencing athletes.*

Name industry: Education; Code industry: 9140101

Name of PhD student: : **Dao Thi Thanh Thuy**

Full name of instructors: 1. Assoc. Prof. PhD. Bui Ngoc

2. Assoc. Prof. PhD. Nguyen Danh Hoang Viet

Training institution: **Vietnam Institute of Culture, Arts, Sports and Tourism.**

B. THE NEW CONTRIBUTIONS OF THE DISSERTATION

- The thesis identified 33 indicators and tests belonging to the groups of morphology (4 indicators/tests), physiology (5 indicators/tests), psychology/neurology (5 indicators/tests), physical fitness (12 indicators/tests), and technical/tactical skills (7 indicators/tests) to assess the physical fitness level of high-level male fencing athletes.

- This thesis clarifies the characteristics and relationships between the groups of indicators used to assess the physical fitness level of high-level male fencing athletes. Correlation analysis shows that the groups of factors are closely related to each other and to the level of physical fitness, with the physical fitness and technical-tactical groups showing a higher correlation than the morphological, physiological, and psychological/neurological groups. This accurately reflects the nature of modern fencing competition, where specialized physical fitness and the ability to apply technical-tactical skills play a decisive role in competition effectiveness. At the same time, the differences in correlation levels between the groups of indicators in each fencing event demonstrate the unique characteristics of each event, providing an important scientific basis for individualization and specialization in training.

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Hanoi, March 3rd, 2026

Scientific advisor

PhD student

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