

**THEORY AND RESEARCH IN PSYCHOLOGICAL MEASUREMENT INSTRUMENTS IN
HEALTH AND SPORT(CODE: 2024065)**

COURSE SYLLABUS:

Theoretical, empirical and analytical bases of psychological measurement instruments applied in the area of health and sport. Classical test theory. Item response theory. Psychometric properties of validity and reliability. Applications of Psychometrics in the area of health and sport. Elaboration and adaptation of measurement instruments. Statistical analyzes used in the development and adaptation of measurement scales (Principal Component Analysis, Exploratory Factor Analysis, Confirmatory Factor Analysis and Structural Equation Modeling).

GOALS:

- To instruct the graduate student so that he / she knows how to evaluate quality criteria of measurement instruments in the area of health and sport, such as the validity and reliability of the instruments.
- Know and recognize the basic principles of Psychometry applied in the area of health and sport.
- To instruct the graduate student so that he is able to select suitable measurement instruments for application in his research and, when necessary, be able to create / adapt instruments necessary for investigations.

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