



FEDERAL UNIVERSITY OF SÃO CARLOS
CENTER OF BIOLOGICAL AND HEALTH SCIENCES
GRADUATE PROGRAM IN PHYSICAL THERAPY
Concentration: Physical Therapy and Functional Performance
Via Washington Luís, Km 235 – São Carlos, SP 13.565- 905
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COURSE: FIT 132 - Introduction to Biostatistics

Credits: 6

Course Load: 90hrs.

Instructor: Tatiana de Oliveira Sato, Ph.D.

Course Overview:

- a) Statistical data presentation (graphs and tables).
- b) Descriptive analysis.
- c) To analyze differences between groups (parametric and non-parametric tests, paired and unpaired tests, analysis of variance [ANOVA]).
- d) To analyze similarities between data (correlation and linear regression).

Course Materials:

1. Bork CE. Research in physical therapy. Lippincott, 1993. Domholdt E. Physical Therapy Research principles and applications. WB Saunders Company. 2^a ed. 2000
2. Callegari-Jacques SM. Bioestatística princípios e aplicações. Artmed. 2003. Vieira S. Introdução à bioestatística. Campus. 3^a ed. 1980. Thomas JR, Nelson JK, Silverman SJ. Métodos de pesquisa em atividade física. Artmed, 2007