



**FEDERAL UNIVERSITY OF SÃO CARLOS**  
**CENTER OF BIOLOGICAL AND HEALTH SCIENCES**  
**GRADUATE PROGRAM IN PHYSICAL THERAPY**  
**Concentration: Physical Therapy and Functional Performance**  
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**COURSE: FIT-142 - Outline of Epidemiological Studies and Risk**

**Measures Applied to Health**

**Credits: 6**

**Course Load: 90hrs.**

**Instructor: Tiago da Silva Alexandre, Ph.D.**

**Course Overview:**

Deals with concepts in epidemiology and establishes knowledge epidemiological methods of scientific research. Emphasizes the main designs of studies applied to epidemiology, their respective risk measures and their application in the planning, execution and evaluation of health actions.

**Course Materials:**

1. BERQUO , ES. SOUZA, JMPS & GOTLIEB, SLD - Bioestatística, EPU 1ª edição revista, São Paulo, 1981.
2. DAWSON-SANDERS B; TRAPP RG. Basic & Clinical Biostatistics. 3rd edition, Lange Medical Books/McGraw-Hill, New York, 2001.
3. DRAPER NR; SMITH H. Applied Regression Analysis. John Wiley and Sons, 3rd edition. New York, 1998.
4. FILHO, NA. BARRETO, M.L. Epidemiologia & Saúde: Fundamentos, Métodos e Aplicações. 1a Edição. Rio de Janeiro: Guanabara Koogan, 2011.
5. GORDIS, L. Epidemiologia. 4a Edição. Rio de Janeiro: Editora Revinter, 2010.
6. KLEINBAUM DG; KUPPER LL; MULLER KE; NIZAM A. Applied regression analysis and other multivariable methods. 3rd edition. Brooks/Cole Pub Co, Boston, 1997.
7. KELSEY JL, WHITTEMORE AS, EVANS A & THOMPSON WD. Methods in observational epidemiology. New York, 2nd edition, Oxford University Press, 1996.