



**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-530 Topics in Sports Physical

Therapy

Credits: 6

Course load: 90 hrs.

Instructor: Fábio Viadanna Serrão, Ph.D.

Course Overview:

- Pathomechanics and rehabilitation of major upper and lower limb injuries in sports.
- Pathomechanics and rehabilitation of major spinal injuries in sports.
- Injury and rehabilitation of female athletes.
- Main tools for evaluating injuries in athletes.
- Impact of injuries on neuromuscular control.

Course Materials:

1. LEPHART, S.M. Fu, F.H. Proprioception and neuromuscular control in joint stability. **Human Kinetics**, 2000
2. MAGEE, D.J. ZACHAZEWSKI, J.E. QUILEN, W.S. Scientific Foundations and Principles of Practice in musculosk, **Rehabilitation. Saunders/Elsevier**, 2007
3. ANDREWS, J. HARRELSON, G.L.; WILK, K.E. Reabilitação Física do Atleta. Editora Elsevier, 2005.