

FEDERAL UNIVERSITY OF SÃO CARLOS

GRADUATE PROGRAM IN PHYSIOTHERAPY – PPGFt

COURSE CHARACTERIZATION FORM

Graduate Program: Physiotherapy

Course Code: FIT-211

Credits: 4

Course Title: Advanced Studies in Research and Innovation in Women's Health Physiotherapy

Start of Validity: 2025 – 2nd Semester

Justification

Creation of this course aims to align its content with contemporary academic advances, ensuring up-to-date and relevant training for students through the incorporation of new technologies and scientific methods. Furthermore, the creation of this course, with a revised syllabus, is aligned with the Strategic Planning of the Program and responds to feedback received from students during the PPGFt self-assessment process.

Course Workload

Theoretical Classes: 16 hours

Practical Classes: 16 hours

Exercises/Seminars: 28 hours

Course Syllabus

This applied training course, aimed at Master's and Doctoral students, seeks to deepen knowledge of research methods and technological innovation in Women's Health Physiotherapy. It comprehensively addresses scientific methods from different study designs, such as cross-sectional studies, randomized controlled trials, and systematic reviews, as well as the development and interpretation of diagnostic accuracy studies and measurement properties of assessment instruments. The course will enable students to interpret and distinguish levels of scientific evidence and certainty of evidence, considering the specificities of the female life cycle, in addition to developing skills for the critical analysis of studies that support evidence-based practice in Women's Health Physiotherapy. At the end of the course, students will be prepared to critically and evidence-based apply the knowledge acquired in their professional and academic practices.

Nature of the Course

Specific course within the Area of Concentration in Physiotherapy and Functional Performance.

Main Bibliography

Driusso P, Beleza ACS. Physiotherapeutic Assessment of the Female Pelvic Floor Musculature. 2nd ed. Barueri: Manole, 2023.

Barbosa-Silva J et al. Vaginal manometry to classify a pelvic floor muscle contraction. Brazilian Journal of Physical Therapy, 2023.

Bø K et al. Can you breathe yourself to a better pelvic floor? Neurourology and Urodynamics, 2023.

Ferreira CHJ et al. Special Issue on Women's Health Physical Therapy. Brazilian Journal of Physical Therapy, 2019.

Barbosa-Silva J et al. Prevalence and symptoms associated with primary dysmenorrhea. BMC Women's Health, 2024.

de Arruda GT et al. Measurement properties of PROMs for women with dysmenorrhea. Journal of Clinical Nursing, 2024.

Main Responsible Faculty

Patrícia Driusso – Permanent Faculty

Ana Carolina Sartorato Beleza – Permanent Faculty

Approval

Approved at the 294th Ordinary Meeting of the PPGFt Graduate Program Committee on June 13, 2025.

São Carlos, June 16, 2025.

Prof. Dr. Anielle Cristhine de Medeiros Takahashi

Chair of the PPGFt Graduate Program Committee – UFSCar