

FEDERAL UNIVERSITY OF SÃO CARLOS FOUNDATION  
GRADUATE PROGRAM IN PHYSIOTHERAPY – PPGFt/CCBS/R  
COURSE CHARACTERIZATION FORM

**Graduate Program:** Physiotherapy

**Course Code:** FIT-205

**Credits:** 6

**Course Title:** Scientific Writing I

**Start of Validity:** 2025 – 1st Semester

**Justification**

Evolution of the course due to the restructuring of the PPGFt curriculum.

**Course Workload**

Theoretical Classes: 60 hours

Practical Classes: Not applicable

Exercises/Seminars: 30 hours

**Course Syllabus**

- Basic elements of scientific research project writing: research design, stages of project structuring, strategies for writing the problem formulation, study question, objectives, hypotheses, and methods
- Reference management software: EndNote and Mendeley
- Evaluation criteria of funding agencies and PPGFt criteria
- Curriculum summary, data management plan, and timeline
- Dissemination of research projects to lay audiences, graphical representation of research protocols, and graphical abstracts
- Presentation of projects and critically grounded analysis based on FAPESP criteria and appropriate instruments/checklists to assess project quality and strengths

**Nature of the Course**

Specific to the Area of Concentration in Physiotherapy and Functional Performance.

**Main Bibliography**

Volpato GL. Theoretical bases for scientific writing: Why was your paper rejected? São Paulo: Cultura Acadêmica, 2010.

Volpato GL et al. Critical dictionary for scientific writing. Botucatu: Best Writing, 2013.

Zeiger M. Essentials of Writing Biomedical Research Papers. 2nd ed. McGraw-Hill.

International Committee of Medical Journal Editors (ICMJE). Uniform Requirements for Manuscripts Submitted to Biomedical Journals.

EQUATOR Network. Reporting guidelines and resources.

BaHammam AS. Balancing Innovation and Integrity: The Role of AI in Research and Scientific Writing. Nature and Science of Sleep, 2024.

Bahadoran Z et al. Principles of biomedical scientific writing: citation. Int J Endocrinol Metab, 2020.

### **Main Responsible Faculty**

Cleber Ferraresi – Permanent Faculty

Nelci Adriana Cicuto Ferreira Rocha – Permanent Faculty

Thiago Luiz de Russo – Permanent Faculty

### **Approval**

Approved at the 290th Ordinary Meeting of the PPGFT Graduate Program Committee on February 14, 2025.

São Carlos, February 21, 2025.

Prof. Dr. Tatiana de Oliveira Sato

Coordinator of the Graduate Program in Physiotherapy – UFSCar