

Ministry of Education Federal University of Santa Maria Rural Science Center **Graduate Program in Soil Science** 

**Course: Soil Seminars: Project Defense** 

# **Identification Code**: SOL 852

Credits: 1 (1-0)

Level: Master and Doctorate

Professors: Paulo I Gubiani and Jean P G Minella

System: Semesters (I and II semesters)

# Discipline objectives

The straightforward presentation of a seminar on a subject related to the dissertation or thesis and with a restricted time frame and depth that is appropriate to the level of training (Master's degree or PhD) and the audience (soil professionals); writing an abstract on the subject of the seminar; training in the use of audiovisual resources to present scientific papers; technical discussion with the audience on the subject of the seminar; provide opportunities to present the dissertation or thesis to professors and other people linked to the PPGCS.

# **Syllabus**

Prepare and present scientific seminars and participate in lectures and workshops.

### Methodology and/or teaching instruments

Support and guidance in preparing individual seminars, exercising scientific communication strategies, coherence in project organization, and clarity in presenting the project idea. The students are encouraged to record videos with their presentations to be presented to the entire scientific community.

# Forms of evaluation

Quality of the seminar, abstract, and class participation

# **Program: Title and Breakdown of Units**

#### **Unit 1 - Introduction**

- 1.1 Presentation of the course objectives
- 1.2 Establishment of an evaluation system
- 1.3 Establishing the presentation schedule

# Unit 2 - Preparation, organization, and presentation of a seminar on the results obtained in the study that will lead to the student's dissertation or thesis

- 2.1 Preparation of the material for the presentation
- 2.2 Seminar presentation

#### Unit 3 - Preparation of a written abstract of the results presented at the seminar

- 3.1 Writing the seminar abstract
- 3.2 Distribution between enrolled students and audience

#### **General information:**

Each student must present a seminar on the dissertation or thesis research paper. This paper should present the justification, theoretical assumptions, objectives, hypotheses, and the consequences of the verification (or not) of the hypotheses. The presentation should be restricted to 20-30 minutes, followed by up to 30 minutes of discussion.

The student must prepare an abstract containing an introduction, theoretical framework, hypotheses, objectives, experimental development, results and discussion, conclusion, and bibliographical references on the seminar presentation.



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Before the seminar presentation, the student must prepare to reproduce the paper and its distribution among students enrolled in the discipline and PPGCS professors. Arrangements for dissemination and audiovisual material for the seminar are the presenter's responsibility. After the presentation and discussion of the paper, the presenter's performance and the quality of the written work will be reviewed by the regularly enrolled group in the discipline.

### **Recommended literature**

BERBEL, N.A. Metodologia do Ensino Superior. Capinas: Papirus, 1994.

CUNHA, L A. Educação autoritarismono Estado Novo. São Paulo:Cortez, 1989.

DEMO, P. Educar pela Pesquisa. São Paulo: Ed. Autores Associados, 1996.

FAZENDA, I. Interdisciplinaridade: história, teoria e pesquisa. Campinas:Papirus, 1994. 147p.

JORGE, J.S. A ideologia de Paulo Freire. São Paulo:Loyola, 1981.

MANACORDA, M. História da Educação. Cortez: São Paiclo, 1996. 384p.

MIZUKAMI, M.G. Ensino: as abordagens do processo. São Paulo: EPU, 1986. 120p.

VOLPATO, G. Ciência: da filosofia à publicação. São Paulo-SP, Cultura Acadêmica, 2013. 377 p.

VOLPATO, G., BARRETO, R. **Elabore projetos científicos competitivos.** Botucatu-SP, Best Writing, 2014. 174 p.