

Presentation

The Postgraduate Program in Science, Technology and Society (PPGCTS, acronym in Portuguese) was created by the Federal University of São Carlos (UFSCar) in 2007, initially with just a Master's course, which started in 2008. In 2012, the Doctorate program was approved, the activities of which started in 2013, gaining grade 4 from CAPES.

The aim of the PPGCTS/UFSCar is to prepare human resources for research, teaching and professional life in several areas that will benefit from the interdisciplinary convergence of knowledge from the STS field. More than 100 Master's dissertations have been defended. The Program arose from the consolidated trajectory in research, teaching and knowledge and technology diffusion of a group of university lecturers firmly rooted in the institution, originating from several departments in UFSCar and from other national and international institutions.

Among the themes researched are, for example, configurations capable of generating technological innovation, the benefits and risks in relation to sustainability, democratic control by society of science and technology policies, and the languages and communication of science.

Due to its innovative and interdisciplinary character, the PPGCTS attracts students originating from several branches of the Human and Social Sciences, the Exact Sciences, Biological and Health Sciences, as well as from the Arts. The curricular structure of the course encompasses classical and contemporary study of theories, methods and practises in Science, Technology and Society from an interdisciplinary perspective.

The Selection Process for Program Enrollment

The selection process is run annually in the second semester of each year, for enrollment in classes in the first semester of the following year. Each year, the Programme publishes a document containing the schedule, means of enrollment and exemption of costs, required documentation, details of the tests and publication of the results, bibliography and other relevant procedures. The selection processes of previous years can be consulted on the Program website at: www.ppgcts.ufscar.br or directly with the Program secretary.

Research Areas

The PPGCTS – operating within the Science, Technology and Society field – is made up of three research areas:

Area 1 – Social dimensions of Science and Technology: aims to develop studies investigating the socio-historical grounding and the gaps and obstacles with which important social segments currently apprehend the scientific-technological phenomena. It covers the development of research on the following themes: social studies of science and technology; science, technology and values; STS education, science and technology literacy; communication, participation and the public understanding of science, technology and innovation; science, ethics, health, ageing and solidarity economy; gender in science and technology; technoscience; technological change; risk society and sustainable development; science, technology and innovation in society indicators; social organization of S&T; trajectories of scientists, technologists and research groups and their relationship to disciplinary trajectories and to emerging fields; policies and management of ST&I; memory of science and technology; science and technology discourse; ST&I in health and social technologies.

Area 2 – Technology Management and Sustainable Society: seeks to understand present and future technological opportunities and challenges confronted by organizations in the private and public sectors for the formulation of strategies for sustainable, social, economic and environmental development, and for public policymaking in science, technology and innovation. As a central theme, production and management methods of information and knowledge are researched in areas like: technology forecasting; competitive intelligence and technological monitoring; innovation; historical analysis of technologies; basic industrial technology; development of processes and products; production and analysis of ST&I indicators; technology management; technology cooperation networks; entrepreneurship for sustainable development; citizen participative research; information and communication technologies for management, among other subjects.

Area 3 – Language, Communication and Science: aims to investigate the several manifestations of languages – oral, written, still image and audio-visual – employed in scientific and cultural

communication through studies that focus on the forms of elaboration, dissemination and reception of formalized science articulated with popular knowledges. The theoretical and methodological premises that underpin this research have the aim of analysing the formal and systematic structures of texts and ways of formulation and functioning of scientific and cultural discourses. In this context, the area prioritizes research that seeks to understand the process of knowledge transfer in relation to the following domains: discursive practices of subjects, authors and readers in the images, the discourses employed in science and the discourses of popular knowledges, audio-visual products in the different media in scientific and cultural communication, the discourse and the subject in print and digital domains, pragmatic and discursive changes in contemporary Brazilian Portuguese in the context of the scientific and cultural media.

Faculty

Area 1

Social dimensions of Science and Technology
<http://www.ppgcts.ufscar.br/docentes>

Area 2

Technology Management and Sustainable Society
<http://www.ppgcts.ufscar.br/docentes>

Area 3

Language, Communication and Science
<http://www.ppgcts.ufscar.br/docentes>



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PROGRAMA DE
PÓS-GRADUAÇÃO
EM CIÊNCIA, TECNOLOGIA
E SOCIEDADE DA UFSCar

**Postgraduate Program in
Science, Technology and Society**

Research Areas

Social dimensions of Science and Technology
Technology Management and Sustainable Society
Language, Communication and Science