

## Research options available

Research topic(s) offered by every Doctoral Course involved in UNIPHD are frameworks within which every applicant has to present an original research project in collaboration with a Supervisor at the University of Padua.

Potential Supervisors at Unipd have proposed the following detailed research options, which are related to the research topic. They are offered as a guideline and should facilitate your contact with potential Supervisors. Supervisors' e-mail is specified in every research option table. You are welcome to contact them directly.

Note that this research option list is not at all exhaustive and, within the topic you have chosen, you are free to propose a different research project.

<b>Doctoral Course</b>	<b>SOCIAL SCIENCES</b>
<b>Macro-area</b>	Humanities
<b>Department name</b>	Department of Philosophy, Sociology, Education and Applied Psychology
<b>Webpage</b>	<a href="https://socialsciences.fisppa.unipd.it/en/">https://socialsciences.fisppa.unipd.it/en/</a>
<b>Research topic</b>	<p><b>Science, technology and innovation in the societies of the future</b></p> <p>The research will develop an analysis of one or more emerging technoscientific innovations, with the aim of disentangling the relationship between scientific, technical, social and cultural elements, including a view about consequences, expectations and future scenarios generated by these innovations. The research will be theoretically rooted in the field of Science and Technology Studies (STS) and will adopt various social science-based methodological approaches and research techniques.</p>
<b>Link to the UNIPHD Call (Academic Year 2023/2024)</b>	<a href="https://uniphd.eu/">https://uniphd.eu/</a>
<b>Latest Update</b>	02.12.2022
<b>#Number of available Research Options</b>	1 <i>Scroll down to see all the Research Options</i>

## # 1 Research Option Description

<b>Doctoral Course</b>	<b>Social Sciences</b>
<b>Department name</b>	Department of Philosophy, Sociology, Education and Applied Psychology (FISPPA)
<b>Research topic</b>	Science, technology and innovation in the societies of the future
<b>Research option</b>	Emerging technoscientific innovations in society: applying Science & Technology Studies (STS) approaches to the study of one case study or more, adopting social science-based research methods
<b>Supervisor</b>	Federico Neresini <a href="mailto:federico.neresini@unipd.it">federico.neresini@unipd.it</a> PaSTIS (Padova Science, Technology and Innovation Studies) research unit
<b>Webpage</b>	<a href="https://www.pastis-research.eu/">https://www.pastis-research.eu/</a>
<b>Context of the research activity and objectives</b>	Science and technology are today one of the main drivers of social change, also as a consequence of the development of several new emerging technologies (like machine learning and AI, synthetic biology, genome editing, nanotechnology, and others), strongly contributing to the reshaping of the societies in which will live in the near future. The PhD research will develop an analysis of one or more emerging technoscientific innovations, with the aim of disentangling the relationship between scientific, technical, social and cultural elements contributing to the innovation process, including a view about the potential consequences, expectations and future scenarios generated by these innovations. A specific focus can be put on the role of media and news making in producing representations of these emerging scientific and technological innovations and in shaping their understanding among innovators and citizens. The research will be theoretically rooted in the field of Science and Technology Studies (STS), which addresses these processes and issues in several ways, by adopting various social science-based methodological approaches and research techniques.
<b>Infrastructures</b>	In addition to the ordinary equipment (library, Internet, workstation) provided by the PhD course, the TIPS (Technoscientific Issues in the Public Sphere) web-platform ( <a href="http://www.tipsproject.eu/tips/#/public/home">http://www.tipsproject.eu/tips/#/public/home</a> ) will be available.
<b>Skills and competencies for the development of the activity</b>	Basic training in social sciences and research methodology, with a specific focus on Science and Technology Studies.
<b>Training offer</b>	The Doctoral Course provides a structured teaching programme, including the following modules: <ul style="list-style-type: none"> <li>• Advanced theoretical training 1: defining a scientific problem in social sciences</li> </ul>

	<ul style="list-style-type: none"> <li>• Advanced theoretical training 2: classic authors and contemporary theories</li> <li>• Epistemology and Research Methods of Social Sciences</li> <li>• Research techniques, tools and writing skills</li> <li>• Statistics and Quantitative Methods</li> <li>• Science, Technology, Innovation and Media Studies</li> </ul> <p>Besides the regular program, the PhD students enrolled should also propose a personalized set of training activities on the basis of his/her research needs.</p>
<p><b>Possible Secondments</b></p>	<p><u>ACADEMIC</u>            University of Lousanne (Switzerland) - Laboratoire d'études des sciences et des techniques (STSLab)            University of California, Berkeley (USA) – Center for Science, Technology, Medicine and Society (CSTMS)            University of Aberdeen (UK) – The School of Language, Literature, Music and Visual Culture            USI Università della Svizzera italiana (Switzerland), Institute of Media and Journalism (IMeG)</p> <p><u>NON-ACADEMIC</u>            Science Museum – London (UK)            TRACES. Science, culture et société – Paris (F)</p>