

PhD Programme table 37th cycle – PON Call for application “Ricerca e Innovazione” 2014 – 2020



UNIONE EUROPEA
Fondo Sociale Europeo



PROGRAMME'S NAME	PHILOSOPHY, SCIENCE, COGNITION AND SEMIOTICS (PSCS)
DURATION	3 years
PROGRAMME START DATE	01/01/2022
LANGUAGE	Italian, English
COORDINATOR	Prof. Claudio Paolucci (c.paolucci@unibo.it)
CURRICULA	1. Philosophy and science studies 2. Semiotics 3. Cognitive science
RESEARCH TOPICS	Detailed list at the bottom of the present document
PHD POSITIONS	4
ADMISSION PROCEDURE	Qualifications and research proposal evaluation

Available Positions and Scholarships

Actions	Pos. n.	Financial Support	Research topic
Action IV.4 “PhDs on innovation topics”	1	PhD Scholarship	The impact of digital innovation in research and education practices from the point of view of publishing company
Action IV.5 “PhDs on green topics”	2	PhD Scholarship	Equality, wellbeing and climate policies: synergies and perverse effects
	3	PhD Scholarship	MASS - The Museum as lab of reinvention: for a new Art, Shared and Sustainable
	4	PhD Scholarship	Natural remedies in historical perspective

Required and Supporting Documents to be attached to the application

(only documents in Italian, English, French, German and Spanish shall be considered as valid and be assessed by the Admission Board)

Only qualifications obtained during the last 5 calendar years shall be taken into consideration, except for the University Degree. **The Admission Board will assess the relevance of the supporting documents to the criteria listed in Art. 3 of the Ministerial Decree 1061/2021 (see also Art. 4 of the Call for applications).**

REQUIRED DOCUMENTS	
Identity document	Valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae	No specific CV format is required
Degrees	Documents attesting the awarding of the first and second cycle degrees, the exams taken and the marks obtained (see Art. 3 of the Call for Applications)
Research proposal	Multi-annual research proposal, with special emphasis on the activities to be completed during the first-year course. The proposal must meet the following requirements:

AFORM Settore Dottorato di ricerca

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	<ul style="list-style-type: none"> - it cannot exceed 20,000 characters, including spaces and formulas, if present. This figure does not include: the title, the outline, references and images (such as graphs, diagrams, tables etc. - where present); - it must be written following the templates provided for Action IV.4 “PhDs on innovation topics” and Action IV.5 “PhDs on green topics”. The templates are attached to the Call for Application and available for download on the University website.
SUPPORTING DOCUMENTS	
Publications	Lists of publications (i.e. monographs, articles on scientific journals), minor publications (conference papers, etc.), abstracts and posters presented during national and international conferences, etc.

Evaluation criteria

The **results of the admission exams** will be available **from 03/11/2021** on [Studenti Online](#) (select “summary of the requests in progress” > “see detail” and open the .pdf file at the bottom of the page). **No personal written communication will be sent to applicants concerning the examinations results.**

Scores will be expressed in points out of 100, as follows.

Minimum score for eligibility: 60 points, Maximum score: 100 points

Qualifications evaluation	University degree final mark. Graduands shall be evaluated according to the Weighted Average Mark (WAM)	10 points max
	Publications	10 points max
Research proposal evaluation		80 points max

Research Topics

n. 1 – INNOVATION

Thematic area SNSI 2014-20	Tourism, cultural heritage and creative industry Development trajectory: Technologies for audio-video productions, gaming and digital publishing
PNR 2021-2027*	Research field: 5.2 Humanities, creativity, social transformation, inclusive society Area of application: 5.2.5 Social transformation and inclusive society Section 10. Media and communication transformation, digitalization processes Section 11. Innovative methods and technologies for social research and education
Project title	The impact of digital innovation in research and education practices from the point of view of publishing company
Project description	The aim of the project is to train an expert on the new ways of communicating knowledge in research and education areas, with particular regard to the practices of publishing houses and in relation to issues such as open science and distance learning. The acquisition of skills related to the structure of scientific and general knowledge induced by new publishing and dissemination practices will also take into account the new tools related to artificial intelligence.
Mandatory traineeship	6 months
Company type	Publishing industry
Stay abroad	6 months

n. 2 - GREEN

Thematic area SNSI 2014-20	Smart and sustainable industry, energy and environment
PNR 2021-2027*	Research field: 5.5 Climate, energy, sustainable mobility Area of application: 5.5.2 Climate change, mitigation, and adjustment

	Research field: 5.6 Food products, bioeconomy, natural resources, agriculture, environment Areas of application: 5.6.1 Green technologies, 5.6.2 Science and food technologies, 5.6.3 Bioindustry for bioeconomy
Project title	Equality, wellbeing and climate policies: synergies and perverse effects
Project description	The project addresses the global social and economic impact of environmental and climate policies. The need for green policies and the value of equality shall be put in tight connection, and comprehended both in their virtuous and potentially perverse effects. The understanding of such connection grounds and drives the project, which focuses on the analysis of democratic sustainability of environmental policies, decision making processes, argumentation and conflicts in the management of resources and corporate ethical policies.
Mandatory traineeship	12 months
Company type	Food service and appliance
Stay abroad	6 months

n. 3- GREEN

Thematic area SNSI 2014-20	Tourism, cultural heritage and creative industry Development trajectory: Technologies and applications for conservation, management and enhancement of cultural, artistic and landscape heritage Smart and sustainable industry, energy and environment Development trajectory: Water and waste treatment systems and technologies
PNR 2021-2027*	Research field: 5.2 Humanities, creativity, social transformation, inclusive society Area of application: 5.2.1 Cultural heritage Section 5. Participative approach to the cultural heritage
Project title	MASS - The Museum as lab of reinvention: for a new Art, Shared and Sustainable
Project description	The challenge is to revitalize sites of art through activities that increase awareness of the role of the community in a circular economy. Crucial is the creation of an interdisciplinary profile that acts as a bridge between productive and cultural enterprises in order to implement nudging practices specific to a given context. The nudge will gravitate around the goal of inventing new objects from waste products. The laboratories will be structured in different stages: from the study of materials to the development of the skills necessary for the creation and exhibition of the artistic product.
Mandatory traineeship	6 months
Company type	Urban regeneration, social innovation, circular economy and communication
Stay abroad	6 months

n. 4 - GREEN

Thematic area SNSI 2014-20	Health, nutrition, quality of life Development trajectory: Biotechnology, bioinformatics and pharmaceutical development
PNR 2021-2027*	Research field: 5.2 Humanities, creativity, social transformation, inclusive society Area of application: 5.2.1 Cultural heritage Section 3. Development of technologies to support the common and less acknowledged cultural heritage
Project title	Natural remedies in historical perspective
Project description	The conflict between the use of natural remedies and 'artificial' drugs has prompted pharmaceutical industry to innovative reassessments of the cultural and experimental perimeter of this issue. The doctoral student will collaborate with the Company to define, also on the basis of the historical debate, how innovation has contributed, with the help of chemistry, to enhance phytotherapy, thus leading to therapies directly connected to environmental sustainability
Mandatory traineeship	6 months
Company type	Healthcare

Stay abroad	6 months
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*the translation of PNR 2021-2027 has been carried out by the PhD Unit