

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



UNIONE EUROPEA
Fondo Sociale Europeo



PROGRAMME'S NAME	EUROPEAN LAW
DURATION	3 years
PROGRAMME START DATE	01/01/2022
LANGUAGE	Italian, English, French
COORDINATOR	Prof.ssa Marina Timoteo (marina.timoteo@unibo.it)
CURRICULA	1. European Law 2. European Markets Law
RESEARCH TOPICS	Detailed list at the bottom of the present document
PhD POSITIONS	5
ADMISSION PROCEDURE	Qualifications and research proposal evaluation

Available Positions and Scholarships

Actions	Pos. n.	Financial Support	Research topic
Action IV.5 “PhDs on innovation topics”	1	PhD Scholarship	The Application of EU State Aid Rules in the Field of Environment and Energy
	2	PhD Scholarship	Trade, Investment Protection, and Environmental Sustainability in EU Law
	3	PhD Scholarship	A circular economy as a model of sustainable development. Costs, benefits and social impact.
	4	PhD Scholarship	SOLIDARITY AND SUSTAINABLE CITIES IN THE EUROPEAN FRAMEWORK. Governance, urban innovation, rules and shared administration tools for smart and green cities
	5	PhD Scholarship	The Legal Treatment of Environmental Migrants

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 (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:

	<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 template provided for Action IV.5 “PhDs on Green topics”. The template is attached to the Call for Application and available for download on the University website.
SUPPORTING DOCUMENTS	
Publications	<ul style="list-style-type: none"> - List of publications (i.e. monographs, articles on scientific journals, volume chapters– max. 3) and minor publications (conference papers, etc. – max. 2), both in full text. - Abstracts and posters presented during academic conferences.
Other documents	<ul style="list-style-type: none"> - University Master Courses (Master Universitari di I e II livello), Postgraduate vocational training programmes and/or specialisation programmes relevant to the PhD Programme - Research activity - whether basic, applied, translational, etc. - carried out in any capacity, including when covered by research grants, and as a staff member of research units - Working activity in sectors relevant for the PhD programme topics - Professional or training internships - Periods of study abroad, outside the country of origin (e.g. Erasmus programme or other similar mobility programmes)

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	Graduation final mark. Graduands shall be evaluated on the basis of the Weighted Average Mark (WAM)	5 points max
	Publications and other documents	15 points max
Research proposal evaluation		80 points max

Research Topics

n. 1 - GREEN

Thematic area SNSI 2014-20	Smart and sustainable industry, energy and environment <i>Development trajectories:</i> 1. Innovative, highly efficient production processes for industrial sustainability
PNR 2021-2027*	Climate, energy, sustainable mobility 5.2 Climate change, mitigation and adaptation
Project title	The Application of EU State Aid Rules in the Field of Environment and Energy
Project description	European states are increasingly providing aid to undertakings to encourage them to pursue environmental objectives; for example, to clean up contaminated sites. Such aid may distort competition between undertakings and is only compatible with EU law if it complies with procedural and substantive constraints, which are currently uncertain. This thesis will clarify these constraints through an analysis of the practice of European and national institutions.
Mandatory traineeship	6 months
Company type	Company in the sector of environmental and regulatory compliance
Stay abroad	6 months

n. 2 - GREEN

Thematic area SNSI 2014-20	Smart and sustainable industry, energy and environment <i>Development trajectories:</i> 1. Innovative, highly efficient production processes for industrial sustainability
PNR 2021-2027*	Climate, energy, sustainable mobility 5.2 Climate change, mitigation and adaptation
Project title	Trade, Investment Protection, and Environmental Sustainability in EU Law
Project description	The EU pursues the goal of environmental sustainability through bilateral and multilateral agreements on trade and investment. These agreements will be the subject of a doctoral thesis, which will highlight new opportunities for exporters, importers and investors, e.g. regarding the import of energy produced from renewable sources. The thesis will also explore potential obstacles for businesses, such as trade barriers and the weakening of investor-state arbitration.
Mandatory traineeship	6 months
Company type	Company in the sector of environmental and regulatory compliance
Stay abroad	6 months

n. 3 - GREEN

Thematic area SNSI 2014-20	Smart and sustainable industry, energy and environment <i>Development trajectories:</i> 1. Innovative, highly efficient production processes for industrial sustainability
PNR 2021-2027*	Climate, energy, sustainable mobility 5.2 Climate change, mitigation and adaptation
Project title	A circular economy as a model of sustainable development. Costs, benefits and social impact.
Project description	<p>The risks associated with climate change decline into challenges and opportunities for sustainable growth, within the objectives identified at Euro-Union level in the framework of the European Green Deal.</p> <p>The objective of transforming Europe into the first climate-neutral continent by the year 2050 - as well as the intermediate target of reducing emissions by at least 55% compared to 1990 levels, by 2030 - requires a rethink of entire key sectors of the economy. This is a process that takes on the disparate, although connected, trajectories of sustainable mobility, digitalization and innovation of production processes, in the broader and all-encompassing context of the just and equitable transition from a social point of view.</p> <p>In this perspective, the doctoral thesis will have to analyse the "objective values" of sustainability, efficiency (energy and economic), as well as solidarity and intergenerational responsibility that combine in the perspective of the creation of a new "green economy", bearing in mind that the objective of climate neutrality is based on balancing potentially conflicting values and balancing economic development with environmental protection. A balance, the latter, preordained to the realization of an economy efficient on the cost side and, at the same time, socially fair and inclusive. Therefore, constrained funding is primarily aimed at guiding Member States' policies towards shared strategic objectives, around the imperatives of decarbonisation, economic efficiency and social equity.</p> <p>Finally, the strategic plan outlined by the European legislator needs to be pursued with determination also in the face of the socio-economic repercussions of the health crisis related to Covid-19; as reiterated by the European Commission; indeed, the long-term economic and social consequences of a possible inertia would outweigh the costs of investment in climate action.</p>
Mandatory traineeship	6 months
Company type	Company in the sector of Green Economy
Stay abroad	6 months

n. 4 - GREEN

Thematic area SNSI 2014-20	Digital Agenda, Smart Communities, Smart Mobility Systems <i>Development trajectories:</i> 1. Smart Urban Mobility, Systems for logistics and people
PNR 2021-2027*	Climate, energy, sustainable mobility 5.2 Climate change, mitigation and adaptation
Project title	SOLIDARITY AND SUSTAINABLE CITIES IN THE EUROPEAN FRAMEWORK. Governance, urban innovation, rules and shared administration tools for smart and green cities
Project description	The future will be ever more urban. In Europe, 74% of the population lives in cities and further growth is projected by 2050 (almost 85%), although with important differences within the European Union and between cities in different countries. Cities are considered as among the key places to promote the transition necessary to achieve the objectives of the European Green Deal and are involved in the first climate action initiatives of EU climate law; EU climate impact. Cities become the places where challenges on climate change (clean energy and mobility), digitalization of the public administration and artificial intelligence for smart cities, sustainable growth and cohesion through a circular urban economy model as well as social inclusion and the fight against poverty take on a European dimension. In Horizon Europe, the cities move from the role of stakeholders to become leading actors: e.g., the EU mission “Climate-neutral and smart cities” - “100 Climate-Neutral Cities by 2030 - by and for Citizens” requires citizen “active”, participation and new models of governance and administration. These issues enter all areas of European Union studies and bring new input to their methodology and teaching. The exchange of good practices and regulatory models directly inspired by the International and European Agendas fuels the study of European cities and in line with the Commission priorities for 2019-24 (especially n° 1 and 6). Moreover, it is assumed that in the post-pandemic of Covid-19, cities are faced with social and environmental issues that are increasingly closely linked to urban governance strategies and bottom-up policies of integrated urban development supported by the EU Urban Agenda. The PhD candidate will carry out the research during the three-year duration of the scholarship, experimenting the most appropriate research methods for the new topic and the innovative participatory processes of co-administration, taking advantage of the experience in a foundation that deals with urban innovation.
Mandatory traineeship	9 months
Company type	Private, non-profit institution carries out activities in the public interest, to the benefit of the community, in the field of urban transformation and innovation
stay abroad	NO

n. 5 - GREEN

Thematic area SNSI 2014-20	Health, nutrition, quality of life <i>Development trajectories:</i> 1. Systems for urban environment safety, environmental monitoring and prevention of critical events or risks
PNR 2021-2027*	Climate, energy, sustainable mobility 5.2 Climate change, mitigation and adaptation
Project title	The Legal Treatment of Environmental Migrants
Project description	Climate change represents a serious global threat resulting in the intensification of extreme events affecting an important part of the world population; the impact of these events may result in large groups of people being forced to be displaced within their countries or abroad. The frequency of disasters increases the vulnerability of a population in combination with the incapacity - or unwillingness - of governments to develop and implement effective coping strategies. The research project should aim at: a) tracing the complexity of environmental migration and the main international legal standards relevant to environmental migrants by also investigating the status quo of the general obligations of States.

	b) mapping the legal instruments of protection applicable to environmental migrants within the EU context and the development of the case law of the national and supranational courts.
Mandatory traineeship	6 months
Company type	Company operating in the field of mobility of persons for environmental reasons
Stay abroad	6 months

*The translation of the PNR 2021-2027 references has been carried out by the PhD Unit