



UNIVERSITÀ DEGLI STUDI DI MILANO

Dir. DF/FTLI

THE RECTOR

- Pursuant to Italian Ministerial Decree No. 270, dated 22 October 2004, "Amendments to Regulation No. 509 containing rules governing the educational autonomy of Universities, passed by a Decree of the Ministry for Universities and Scientific and Technological Research on 3 November 1999";
- Pursuant to Article 4 of Italian Law No. 210, dated 3 July 1998, as amended by art. 19, paragraph 1, of Italian Law No. 240 dated 30 December 2010;
- Pursuant to Italian Ministerial Decree No. 45 dated 8 February 2013, governing the accreditation of doctoral programmes and campuses, as well as the criteria for the institution of doctoral programmes by accredited bodies;
- Pursuant to Ministerial Decree No. 1061 of 10 August 2021, containing provisions for the allocation of funds under the Italian national programme Programma Operativo Nazionale (PON) "Ricerca e Innovazione" 2014-2020;
- Pursuant to the resolutions passed by the Academic Senate in its meeting of 14 September and by the Board of Directors in its meeting of 28 September 2021, concerning the allocation of funds under the Italian national programme Programma Operativo Nazionale (PON) "Ricerca e Innovazione" 2014-2020, for the purposes of awarding additional PhD scholarships covering innovation and green topics;
- Considering that in the meeting of the Board of Directors on 28 September a working group was set up with the task of submitting a proposal for the allocation of grants to the research lines presented by the academic boards of doctoral programmes;
- Pursuant to the resolution of the Board of Directors dated 6 October 2021, which, on the working group proposal, awarded 10 scholarships for innovation and 97 scholarships for green topics, with the option to award 13 additional scholarships after further consideration;
- Considering the proposal for the allocation of the additional 13 grants submitted by the working group in the meeting of 13 October;
- Acknowledging the urgent need to supplement the call for applications issued by Rector's decree of 14 October 2021, with index no. 4469/2021 of 15 October 2021, for the awarding of additional scholarships covering innovation and green topics (pursuant to Ministerial Decree no. 1061 of 10 August 2021) for admission to PhD programmes of the University of Milan a. y. 2021/2022 (cycle XXXVII);

HEREBY DECREES

to award **13 additional scholarships** covering **green issues** for the following PhD programmes:

Chemistry

Scholarships: 4 to 5

Code	Research line	Supervisor	Company
R12/5		Prof. Paola Fermo	Innovhub SSI Srl



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	Characterization of atmospheric emissions and air quality using innovative regulated and non-regulated pollutant sampling and analysis techniques.		
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Comparative, private and civil procedural law

Scholarships: 3 to 4

Code	Research line	Supervisor	Company
R42/4	Intellectual property and strategic management of innovation in the green economy.	Prof. Silvia Giudici	Bugnion Spa

Public, international and European law

Scholarships: 4 to 6

Code	Research line	Supervisor	Company
R43/5	Sustainable environmental policies and their impact on domestic communities: a critical assessment under international trade and state aid law.	Prof. Giovanna Adinolfi	World Trade Organization
R43/6	Right to work and sustainable development in the green economy.	Dr. Benedetta Vimercati	GI-Group Spa

Physics, astrophysics and applied physics

Scholarships: 5 to 7

Code	Research line	Supervisor	Company
R17/6	Quantum control for short-term quantum technologies.	Prof. Marco Genoni	Algorithmiq LTD
R17/7	Integrated monitoring of wind dusts and study of their impact on global climate change with a view to developing mitigation and adaptation processes.	Prof. Marco Potenza	EOS Srl



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Environmental sciences

Scholarships: 6 to 8

Code	Research line	Supervisor	Company
R24/7	Market analysis and application of the carbon credits mechanism: towards the ecological transition in the European agri-food industry.	Dr. Valentina Ferrante	Enexi Srl
R24/8	Development of an integrated methodology to assess the presence and impact of microplastics on the river benthic community.	Dr. Stefano Magni, Prof. Andrea Binelli	Chemservice Srl

Nutritional sciences

Scholarships: 3 to 4

Code	Research line	Supervisor	Company
R27/4	"Integrative modeling for one health" - Development and validation of innovative and sustainable ingredients that have zero impact on the environment using in vitro and ex vivo models in line with the 3R principle.	Prof. Eva Skřivanová, Prof. Carlotta Giromini	Mucedola Srl

Mathematical sciences

Scholarships: 3 to 4

Code	Research line	Supervisor	Company
R32/4	Topological data analysis and explainable machine learning methods applied to sustainable agri-food supply chain monitoring and optimization.	Prof. Alessandra Micheletti	Deloitte Spa



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Food systems

Scholarships: 8 to 9

Code	Research line	Supervisor	Company
R34/9	Development of LCA (Life Cycle Assessment) calculation models to support decision-making processes and opportunity assessment for the optimization of production, the promotion of the circular economy and the reduction of resource waste in agri-food and food-packaging supply chains.	Prof. Riccardo Guidetti	Quota Sette Srl

Veterinary and animal science

Scholarships: 8 to 10

Code	Research line	Supervisor	Company
R35/9	Use of biochar from residual agro-biomass in monogastric feeding.	Prof. Luciana Rossi	Bionutralab Srl
R35/10	Protection of biodiversity and maternal inheritance of indigenous cattle breeds at risk of genetic erosion and extinction.	Prof. Alberto Luciano	Avantea srl

This decree will be subject to ratification by the Board of Directors.

Milan, 21 October 2021

THE RECTOR
Signed Elio Franzini

Index no. 4587/2021 of 21 October 2021