



ANNEX A
R.D. no. 464 dated 15/06/2023

PhD Course Bioengineering, Applied Sciences and Intelligent Systems - XXXIX Cycle A.Y. 2023-2024		Curricula: <ul style="list-style-type: none"> • Bioengineering and Robotics; • Biosciences and Applied Physics; • Intelligent Systems and Digital Technologies.
PhD Course Coordinator: Prof. Loredana Zollo		
Duration: 3 years	Places: 14	Places supported by scholarships: 11 Number of places without a scholarship: 3
Positions with a <u>specific research topics</u> scholarship granted by university funds or other bodies 2 post-graduate scholarships granted by the Ministry of University and Research on the topic “Science and Technology for human wellbeing and healthcare”; 1 scholarship granted by the Med’Or Foundation on the topic “ <u>Medical devices for low-income countries, with a particular focus on sub-Saharan Africa</u> ”;		
Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 118/2023 2 scholarships – topic: Research NRRP CUP C87G23000450009; 1 scholarship – topic: Public Administration with periods of study and research at The National Fire and Rescue Service on the topic: “ <u>Enabling technologies and solutions to the digital and ecological transition of the National Fire and Rescue Service</u> ” CUP C87G23000460009 (co- founded by INAIL Call for Collaborative Research (BRIC 2022) topic id 44 “Analisi e protezione degli asset tecnologici e dei lavoratori contro gli attacchi informatici” dal titolo “Industrial Cyber Shield (ICS)” CUP C83C22001460001 and MUR – PRIN 2020 – Research projects of relevant national interest topic “Community-Oriented Wearable Computing Systems (COMMON-WEARS)” CUP C83C22000430001); 1 scholarship – Public Administration with periods of study and research at the Centro Alti Studi per la Difesa on the topic “ <u>Research activities about critical infrastructure for public administration</u> ” CUP C87G23000460009 (co- founded by INAIL Call for Collaborative Research (BRIC 2022) topic id 44 “Analisi e protezione degli asset tecnologici e dei lavoratori contro gli attacchi informatici” dal titolo “Industrial Cyber Shield (ICS)” CUP C83C22001460001); 1 scholarship – topic: Public Administration with periods of study and research at University Hospital “Luigi Vanvitelli” on the topic “ <u>Early detection of retinal diseases enhanced by Artificial Intelligence</u> ” CUP C87G23000460009 (co-supported by EU project “Leveraging AI based technology to transform the future of health care delivery in Leading Hospitals in Europe” — “ ODIN ”, Grant Agreement number: 101017331, CUP C85F21000670006); 1 scholarship – topic: Public Administration with periods of study and research at ISPRA on the topic “ <u>New safety and security issues related to critical infrastructure transformations</u> ” CUP C87G23000460009.		
Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 117/2023 CUP C87G23000470009: 1 scholarship co-supported by Almalaurea on the topic “Digital Technologies for placement”.		
Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) project “Integrated Infrastructure Initiative in Photonic and Quantum Sciences” I-PHOQS CUP B53C22001750006 1 scholarship granted by National Research Council of Italy - National Institute of Optics on the topic “Photronics for molecular sensing”.		



PhD Course Sustainable Development: Environment, Food and Health - XXXIX Cycle A.Y. 2023-2024		Curricula: <ul style="list-style-type: none"> • Engineering for Sustainable Development and Environmental Protection; • Health, Nutrition and Ageing; • Food Science and Environmental Sustainability.
PhD Course Coordinator: Prof.ssa Chiara Fanali		
Duration: 3 years	Places: 10	Places supported by scholarships: 8 Number of places without a scholarship: 2
Positions with scholarship granted by university funds or other bodies 2 post-graduate scholarships granted by the Ministry of University and Research		
Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 118/2023 2 scholarships – topic: <u>Research NRRP CUP C87G23000480009</u> ; 1 scholarship – topic: <u>Digital and Environmental Transitions with periods of study and research at ISPRA on the topic Ecotoxicological evaluation of bioactive molecules, recovered from food waste materials, on marine and freshwater organisms CUP C87G23000490002</u>		
Positions with a <u>specific research topics</u> scholarship granted by the National Recovery and Resilience Plan (NRPP) - Operational Research Plan - project “Research and development of technologies for the hydrogen supply chain” 1 scholarship granted by Enea on the topic “ <u>Development of an innovative electric-powered steam reforming process</u> ”; 1 scholarship granted by Enea on the topic “ <u>Development of a hydrogasification process to convert solid bio-wastes using renewable energy</u> ”; 1 scholarship granted by Enea on the topic “ <u>Development of an innovative process for hydrogen production and storage using renewable energy and ammonia as chemical carrier</u> ”;		
PhD Course Integrated Biomedical Science and Bioethics - XXXIX Cycle A.Y. 2023-2024		Curricula: <ul style="list-style-type: none"> • Endocrinology; • Bioethics; • Osteo-oncological Diseases; • Science of Ageing and Tissue Regeneration; • Neurological Science.
PhD Course Coordinator: Prof. Raffaele Franco Antonelli Incalzi		
Duration: 3 years	Places: 9	Places supported by scholarships: 7 Number of places without a scholarship: 2
Positions with scholarship granted by university funds or other bodies 1 post-graduate scholarship granted by the Ministry of University and Research 1 scholarship granted by Sanofi and Campus Bio-Medico University of Rome ; 2 scholarships granted by Campus Bio-Medico University of Rome ;		
Positions with a <u>specific research topics</u> scholarship granted by university funds or other bodies 1 post-graduate scholarship granted by the Ministry of University and Research on the topic “ <u>Bioinformatics, biostatistics and statistical modelling, spatial statistics, data analysis, use of software for analysis of geospatial data</u> ”.		
Positions with a <u>specific research topics</u> scholarship granted by National Recovery and Resilience Plan (NRPP) funds - as per Min. Decree n. 118/2023 topic : Research NRRP CUP C87G23000390009: 1 scholarship on the topic “ <u>Metabolic dysfunction-associated fatty liver disease as a multiorgan disorder: relevant cross-talks for determining hepatic phenotype and extra-hepatic manifestations</u> ” 1 scholarship on the topic “ <u>Personalization of non-invasive neuromodulation for diagnostic and therapeutic treatments, as well as interaction with intelligent devices, based on innovative features related to the activity of the autonomic nervous system</u> ”.		

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