

ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Department of Agricultural and
Food Sciences (DISTAL)

ACCADEMIC YEAR
2023/2024

PhD Programme in Agricultural, Environmental and Food Science and Technology (STAAA)

KICK-OFF MEETING of the 39th Cycle



November 24th, 2023

Outline

- 1. General Information on STAAA PhD Programme**
2. Presentation of First-year PhD Students
3. Teaching Activities for A.Y. 2023/24
4. STAAA PhD Programme Framework
5. PhD Student Representatives
6. Being a PhD Student at Unibo

UNIBO – PhD Programmes

Subject area	Title
Biological, Geological and Agricultural Sciences	Agricultural, Environmental and Food Science and Technology
	Cellular and Molecular Biology
	Earth, Life and Environmental Sciences
	Health, Safety and Green Systems
	Innovative Technologies and Sustainable Use of Mediterranean Sea Fishery and Biological Resources (FishMed-PhD)
	Science and Culture of Well-being and Lifestyles
Engineering Studies	Architecture and Design Cultures
	Automotive Engineering for Intelligent Mobility
	Biomedical, Electrical and System Engineering
	Civil, Chemical, Environmental and Materials Engineering
	Computer Science and Engineering
	Electronics, Telecommunications and Information Technologies Engineering
	Mechanics and Advanced Engineering Sciences - DIMSAI
	Structural and Environmental Health Monitoring and Management - SEHM2
Mathematical Physical, Chemical and Astronomical Sciences	Astrophysics
	Chemistry
	Data Science and Computation
	Future Earth, Climate Change and Societal Challenges
	Mathematics
	Nanoscience for Medicine and the Environment
	Physics

Subject area	Title
Medical, Pharmaceutical and Veterinary Medical Sciences	Biomedical and Neuromotor Sciences
	Biotechnological, Biocomputational, Pharmaceutical and Pharmacological Sciences
	Cardio Nephro Thoracic Sciences
	General Medical and Services Sciences
	Health and Technologies
	Oncology, Hematology and Pathology
	Surgical Sciences
	Veterinary Sciences
Humanistic Studies	Cultural and Environmental Heritage
	Global Histories, Cultures, and Politics
	History and Archaeology. Studies on Heritage, Memory and Cultures
	Literary and Philological Cultures
	Modern Languages, Literatures, and Culture
	Pedagogical Sciences
	Philosophy, Science, Cognition, and Semiotics-PSCS
	Psychology
	Translation, Interpreting, Intercultural Studies
	Visual, Performing and Media Arts
Legal, Politological, Economic and Statistical Sciences	Economics
	European Law
	Law, Science and Technology
	Legal Studies
	Management
	Political and Social Sciences
	Sociology and Social Research
	Statistical Sciences

• **1,819** PHD STUDENTS
of whom 328 are not Italian
from the following geographical regions

Europe	124
Asia	128
Africa	27
North America	9
Central and South America	39
Oceania	1

(data referred to A.Y. 2020/21))



POSTGRADUATE TRAINING (A.Y. 2023/24)

51 PhD programme degree

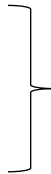


UNIBO – Departments

The **32 Departments** are the University structures in charge of organizing scientific research and teaching and learning activities



-  **SCIENCE**
-  **TECHNOLOGY**
-  **MEDICINE**
-  **HUMANITIES**
-  **SOCIAL STUDIES**



Dept. of Agricultural and Food Sciences (DISTAL)

The DISTAL operates in 4 Districts in the Municipality and Province of Bologna (CAAB/Viale Fanin, Cadriano, Ozzano dell'Emilia and Imola) and 1 Campus in the Romagna area (Cesena)



Research centres:
Cadriano
Ozzano dell'Emilia

Bologna



Cesena



DISTAL – Teaching/Degrees and Third Cycle Programmes

1st and 2nd Cycle Degrees

Bachelor (1st Cycle Degrees)

- **Animal Production** | Bologna
- **Marketing and Economics of the Agro-Industrial System** | Bologna
- **Land and Agro-Forestry Technologies** | Bologna
- **Agricultural Technology** | Bologna
- **Viticulture and Enology** | Cesena
- **Food Technology** | Cesena
- **Sciences and Culture of Gastronomy** | Cesena
- **Sciences and Technologies for Green and Landscape** | Imola

Master (2nd Cycle Degrees)

- **Agricultural Sciences and Technologies** | Bologna
- **International Horticultural Science** | Bologna
- **Planning and management of agro-territorial, forest and landscape** | Bologna
- **Precise and Sustainable Agriculture** | Bologna
- **Food Safety and Food Risk** | Bologna
- **Food Science and Technology** | Cesena
- **Plant and Agricultural Biotechnology** | Imola

3rd Cycle Degrees

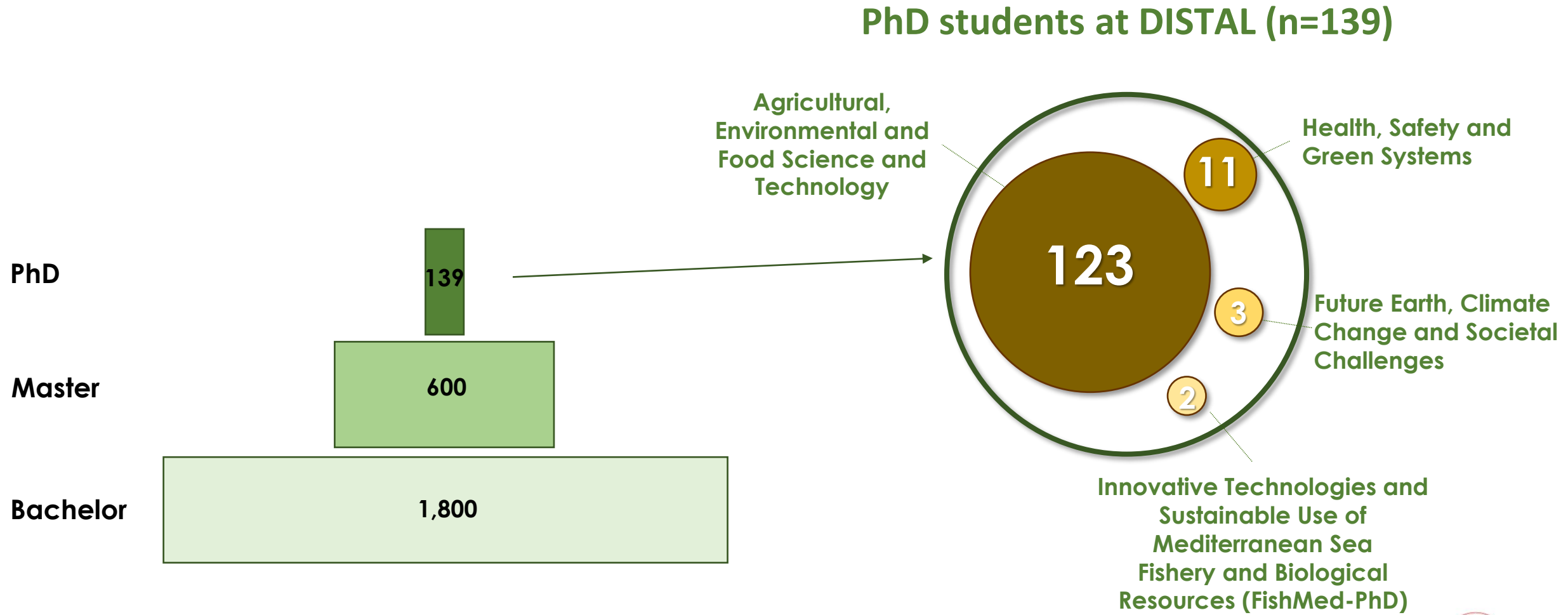
PhD

- **Agricultural, Environmental and Food Science and Technology (STAAA)** | Bologna

DISTAL also contributes to the activities of three inter-departmental doctoral courses:

- **Health, Safety And Green Systems** | Imola
- **Future Earth, Climate Change and Societal Challenges** | Bologna
- **Innovative Technologies and Sustainable Use of Mediterranean Sea Fishery and Biological Resources (FishMed-PhD)** | Fano

DISTAL – Students Enrolled in DISTAL Courses (A.Y. 2022/23)



Foundation of STAAA PhD Course

STAAA was founded in 2010 from the merging of 9 doctoral courses

Herbaceous Crops, Agricultural Genetics and Agroterritorial Systems

International Cooperation and Sustainable Development Policies

Microbial Ecology and Plant Pathology

Agricultural and Food Economics and Policy

Agricultural Entomology

Agricultural Engineering

Food Science and Biotechnology

Animal Science

Tree and Ornamental Crops and Landscape Forest Agrosystems

PhD Course in
**Agricultural,
Environmental and Food
Science and
Technology
(STAAA)**
organized in
9 research topics

Coordinators: Claudio Ciavatta (2010-2012), Giovanni Dinelli (2012-2018) and Massimiliano Petracchi (2018-)



STAAA – Research Topics and Academic Board

1. **Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry** (Dinelli, Accinelli, Ciavatta, Falsone, Prosdocimi Gianquinto, Salvi)
2. **International Cooperation and Sustainable Development Policies** (Vittuari)
3. **Microbial Ecology and Plant Pathology** (Ratti^b, Baraldi, Di Gioia)
4. **Agricultural and Food Economics and Policy** (Canavari)
5. **Agricultural Entomology** (Burgio)
6. **Agricultural Engineering** (Torreggiani, Ragni)
7. **Food Science and Biotechnology** (Romani, Capozzi, Parpinello, Petracci^a, Vannini^c)
8. **Animal Science** (Trevisi, Dall'Olio)
9. **Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape** (Spinelli^d, Magnani)
10. **Water-Food-Energy-Sustainable Agriculture Nexus** (Toscano)

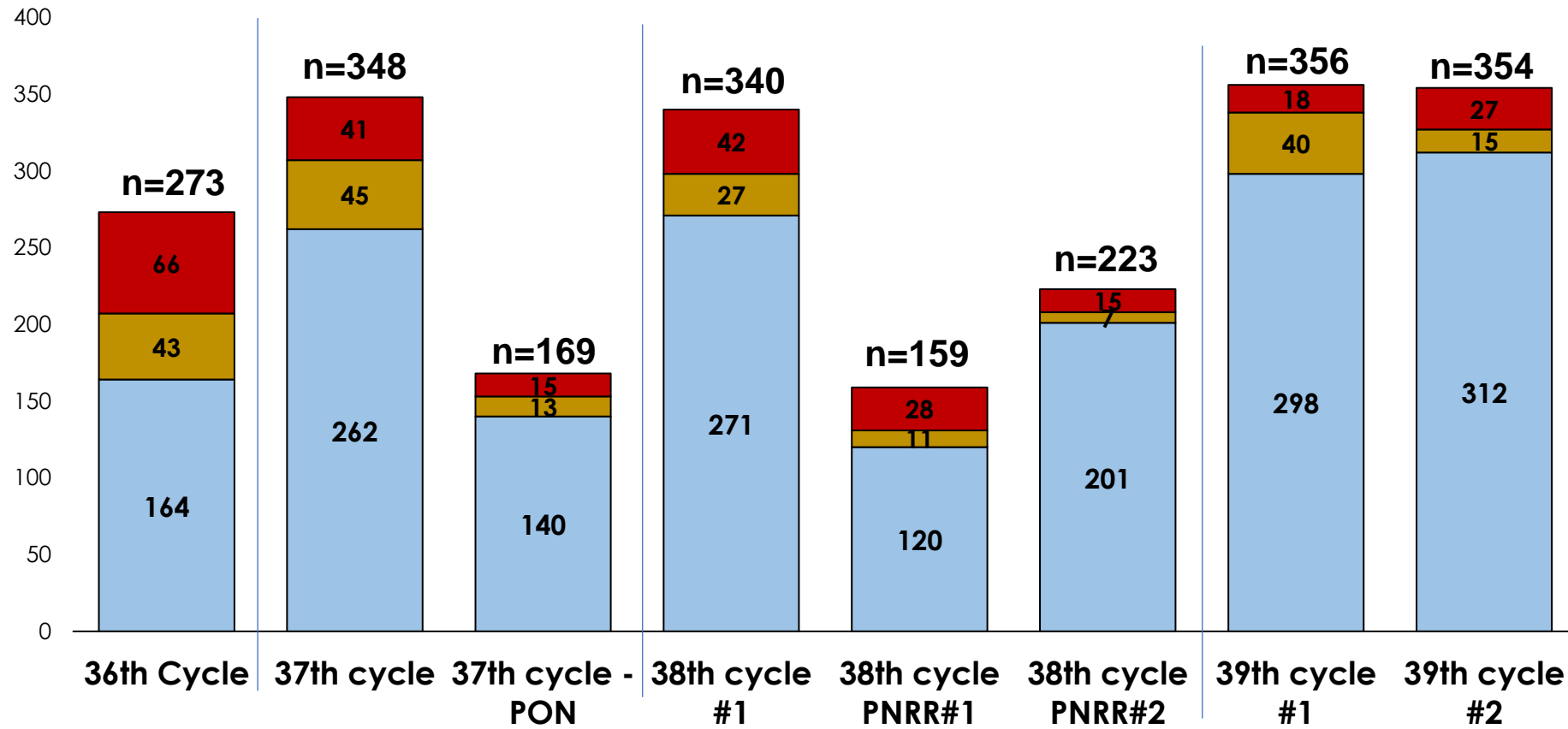


^aCoordinator; ^bVice-coordinator; ^cDocument preparation contact person; ^dTeaching activity contact person

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STAAA – Applications for the Last 4 Cycles (36th-39th)

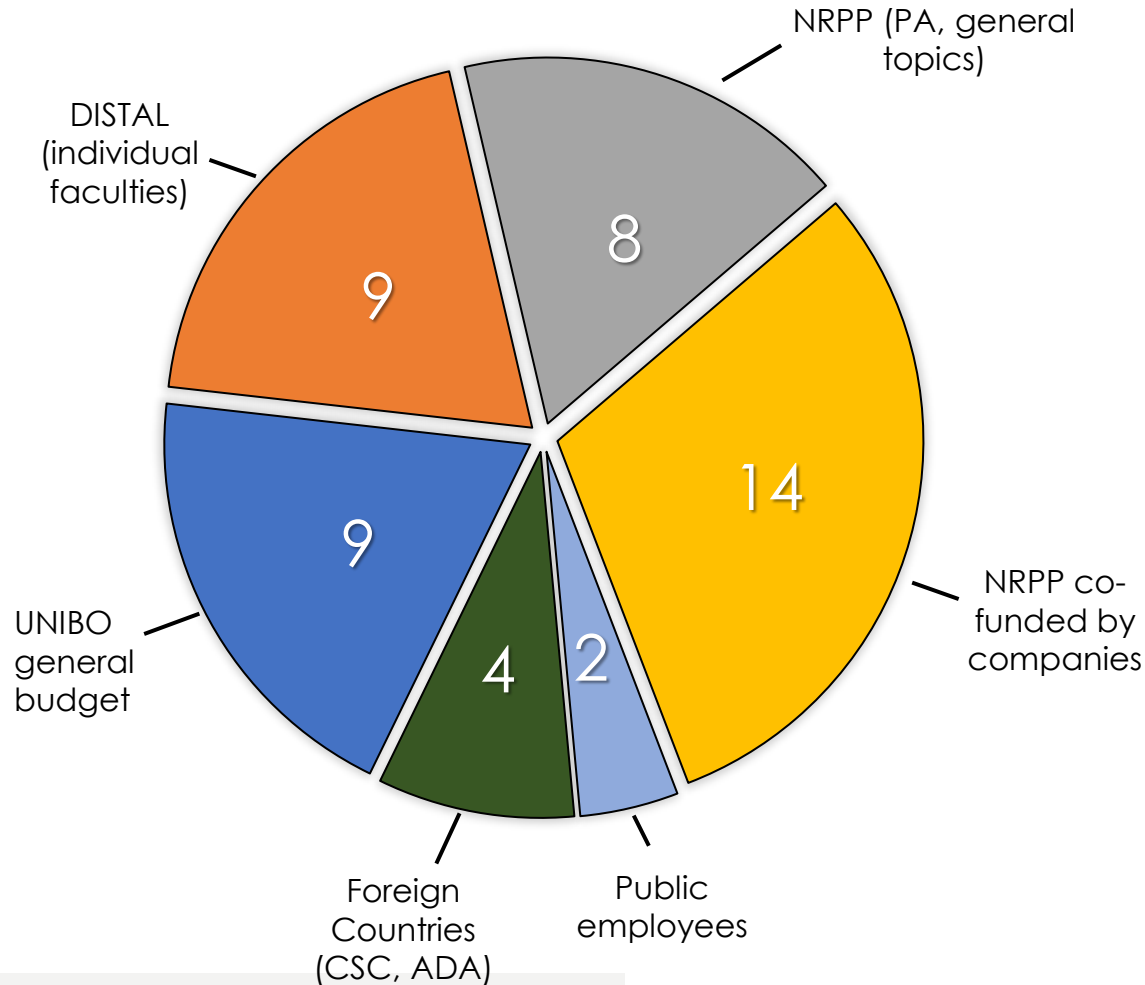


■ Abroad
 ■ Italian-NotUniBo
 ■ Italian-UniBo

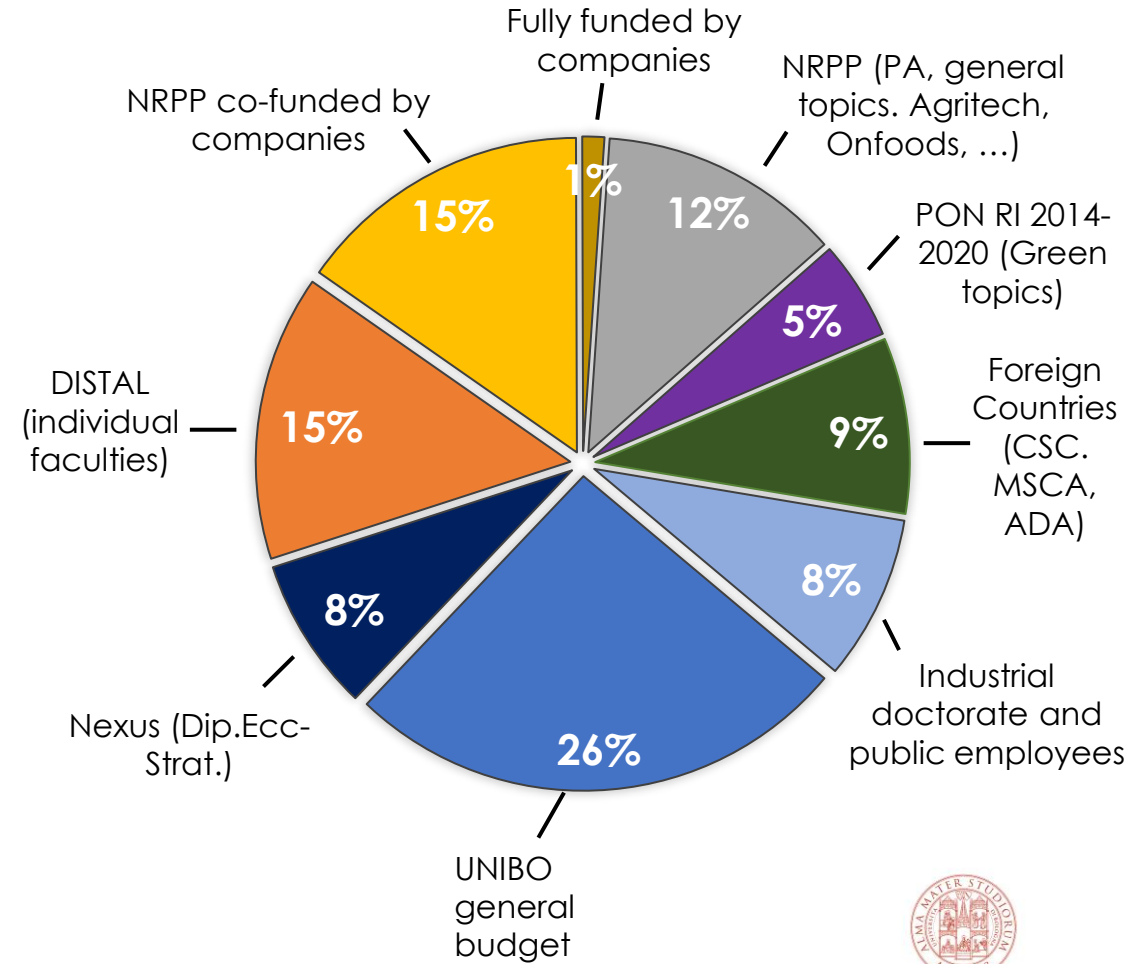
Master degree of applicants

STAAA – Sources of Scholarships

39th Cycle (n=46)



Last 4 Cycles



STAAA – PhD Students Enrolled in the 39th Cycle



STAAA – PhD Students Enrolled in the 39th Cycle (1/10)

PhD student	PhD position	Research topic	Title	Supervisor (co-supervisors)	SSD (SC)
Addazii Davide	<i>PhD scholarship funded by funded by the UNIBO general budget</i>	Food Science and Biotechnology	<i>In vitro study of environmental and dietary factors modulating gut microflora</i>	Andrea Gianotti (Lorenzo Nissen)	AGR/16 (07/I1)
Antenucci Emilia Luigia	<i>PhD scholarship funded by NextGenEU/NRPP (MD118) – NRPP research</i>	Water-Food-Energy-Sustainable Agriculture Nexus	Integrated strategies for innovation and sustainable development in agri-food production <i>Poultry meat downgrading: Insights on the underpinning factors to improve the sustainability of the production</i>	Francesca Soglia (Massimiliano Petracchi)	AGR/20 (07/G1)
Antonioni Valentina	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & CFS Europe S.p.A.</i>	Food Science and Biotechnology	<i>Characterization of the performances of various natural antioxidants in the formulation of food, feed and pet food, to identify the best processing conditions</i>	Maria Caboni (Sauro Passeri, Federica Pasini, Silvia Marzocchi)	AGR/15 (07/F1)
Arduini Silvia	<i>Extra-quota position - Public employee</i>	Food Science and Biotechnology	<i>Analytical techniques and strategies for the authentication of spirit drinks and products from the wine sector</i>	Fabio Chinnici (Alessandra Bendini)	AGR/15 (07/F1)
Bartolai Francesco	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & Istituto Ramazzini</i>	Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	<i>Translational study of the effects of the administration of pesticide mixtures on in vitro Sprague-Dawley rat cell models</i>	Giovanni Dinelli (Daniele Mandrioli)	AGR/02 (07/B1)

STAAA – PhD Students Enrolled in the 39th Cycle (2/10)

PhD student	PhD position	Research topic	Title	Supervisor (co-supervisors)	SSD (SC)
Belfiore Elisa	PhD scholarship funded by NextGenEU/NRPP (MD118) – PA	Agricultural and Food Economics and Policy	Challenges of governance and policy for agriculture and natural resources – Cost-benefit analysis of solutions to face extreme weather events under climate change	Davide Viaggi (Maurizio Canavari)	AGR/01 (07/A1)
Benussi Chiara	PhD scholarship funded by NextGenEU/NRPP (MD118) – PA	Agricultural and Food Economics and Policy	Challenges of governance and policy for agriculture and natural resources – How to enhance sustainability in the alternative protein supply chain: policies and management actions from production to consumption	Antonella Samoggia (Maurizio Canavari)	AGR/01 (07/A1)
Bergonzoni Federica	PhD scholarship funded by NextGenEU/NRPP (MD117) & CAA Centro Agricoltura Ambiente “Giorgio Nicoli”	Microbial Ecology and Plant Pathology	Containment of odor emissions of organic biomass through the use of microorganisms and evaluation of the effect of the microbial inoculum on persistent and dangerous organic pollutants	Diana Di Gioia (Andrea Cocchi, Francesca Patrignani)	AGR/16 (07/I1)
Bocchi Valeria	PhD scholarship funded by NextGenEU/NRPP (MD117) & Azienda Agricola Risaia del Duca Società Agricola	Animal Science	Best practices to implement welfare and sustainability in dairy farms	Padalino Barbara (Zappaterra Martina, Saverio Bacchelli, Valentina Victoria Baronti)	AGR/19 (07/G1)

STAAA – PhD Students Enrolled in the 39th Cycle (3/10)

PhD student	PhD position	Research topic	Title	Supervisor (co-supervisors)	SSD (SC)
Bravo Bolivar Michael Steven	<i>PhD scholarship funded by UNIBO general budget</i>	Food Science and Biotechnology	<i>Study of the improved extraction of antioxidants from agro-food waste from various supply chains and their implementation in the baking industry</i>	Maria Caboni (Federica Pasini, Silvia Marzocchi)	AGR/15 (07/F1)
Chiarini Mattia	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & RINOVA Soc. Coop.</i>	Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	<i>Novel approaches for modern potato production</i>	Cesare Accinelli (Alvaro Crociani)	AGR/02 (07/B1)
Cioncoloni Virginia	<i>PhD scholarship funded by individual DISTAL faculty</i>	Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	<i>Evaluation of innovative tools and technologies for the implementation of nature-based therapy</i>	Giorgio Prosdocimi Gianquinto (Giuseppina Pennisi)	AGR/04 (07/B1)
Ferrante Alessandro	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & Apsovsementi</i>	Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	<i>Genetic studies on the wheat-pathogen interaction response and development of diagnostic molecular assays</i>	Marco Maccaferri (Roberto Tuberosa, Paola Viola, Carlo Invernizzi)	AGR/07 (07/E1)
Ferreira Alexandro	<i>PhD scholarship funded by individual DISTAL faculty</i>	Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	<i>Developing innovative cropping systems in marginal land</i>	Andrea Monti (Federica Zanetti)	AGR/02 (07/B1)

STAAA – PhD Students Enrolled in the 39th Cycle (4/10)

PhD student	PhD position	Research topic	Title	Supervisor (co-supervisors)	SSD (SC)
Gabrekiristos Kabeto Endriyas	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & C.I.V.V. Ampelos</i>	Microbial Ecology and Plant Pathology	<i>Innovative strategies for the control of grapevine Flavescence dorée</i>	Elena Baraldi (Claudio Ratti, Gian Luca Mordenti)	AGR/12 (07/D1)
Giannini Giulio	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & Consorzio Agribologna</i>	Food Science and Biotechnology	<i>Development and optimization of new processing and packaging technologies for fresh-cut fruit</i>	Marco Dalla Rosa (Gianfranco Fornari, Pietro Rocculi, Santina Romani)	AGR/15 (07/F1)
Greco Elena	<i>PhD scholarship funded by UNIBO general budget</i>	Agricultural and Food Economics and Policy	<i>Efficiency and innovation in the ecological transition of the wine supply chain</i>	Giulio Malorgio (Luca Camanzi, Maurizio Canavari)	AGR/01 (07/A1)
Gualtieri Ruggero	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & RINOVA Soc. Coop.</i>	Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	<i>TEA for plant production, through the enhancement of knowledge on genome editing, cisgenesis, gene silencing (RNAi)</i>	Silvio Salvi (Alvaro Crociani)	AGR/07 (07/E1)
Hajiyeva Sona Uzeyir	<i>Extra-quota position - PhD scholarship funded by Ministry of Science and Education of the Republic of Azerbaijan</i>	Food Science and Biotechnology	<i>Determination of new types of food coloring and application in food products with a biotechnological basis</i>	Francesca Patrignani (Rosalba Lanciotti, Saida Aliyeva)	AGR/16 (07/I1)

STAAA – PhD Students Enrolled in the 39th Cycle (5/10)

PhD student	PhD position	Research topic	Title	Supervisor (co-supervisors)	SSD (SC)
Ibanez Revert Mireia Alejandra	<i>PhD scholarship funded by individual DISTAL faculty</i>	Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape	<i>Role of bio-inspired molecules on plant response to drought and high temperature stresses</i>	Ilaria Filippetti (Elena Baraldi, Claudio Ratti)	AGR/03 (07/B2)
Larocca Greta Nicla	<i>PhD scholarship funded by NextGenEU/NRPP (MD118) – NRPP research</i>	Water-Food-Energy-Sustainable Agriculture Nexus	Integrated strategies for innovation and sustainable development in agri-food production - <i>Effect of exogenous and endogenous variables on the kinetics of calcium uptake and fruit partitioning in kiwifruit (Actinidia chinensis)</i>	Moreno Toselli (Elena Baldi)	AGR/03 (07/B2)
Liu Qiankun	<i>Extra-quota position - PhD scholarship funded by China Scholarship Council</i>	Agricultural and Food Economics and Policy	<i>The impact of high-tech zones on cross-border e-commerce exports of Chinese agricultural products</i>	Maurizio Canavari (Alessandra Castellini)	AGR/01 (07/A1)
Maistrello Giuseppe	<i>PhD scholarship funded by NextGenEU/NRPP (MD118) – NRPP research</i>	Water-Food-Energy-Sustainable Agriculture Nexus	Integrated strategies for innovation and sustainable development in agri-food production - <i>Development and assessment of water balance at irrigation district scale for a more sustainable agricultural water management</i>	Attilio Toscano (Stevo Lavrnjic)	AGR/08 (07/C1)

STAAA – PhD Students Enrolled in the 39th Cycle (6/10)

PhD student	PhD position	Research topic	Title	Supervisor (co-supervisors)	SSD (SC)
Mammadov Jeyhun	<i>Extra-quota position - PhD scholarship funded by Ministry of Science and Education of the Republic of Azerbaijan</i>	Microbial Ecology and Plant Pathology	<i>Diseases management by innovative nutritional formulations on potato and tomato crops</i>	Claudio Ratti (Claudio Marzadori, Sahil Guliyev)	AGR/12 (07/D1)
Menicucci Andrea	<i>PhD scholarship funded by funded by UNIBO general budget</i>	Microbial Ecology and Plant Pathology	<i>Molecular interaction of Colletotrichum lupini and its host</i>	Riccardo Baroncelli (Antonio Prodi, Elena Baraldi)	AGR/12 (07/D1)
Moretti Gaia	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & RINOVA Soc. Coop.</i>	Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	<i>Artificial intelligence and robotics for the agronomic management of horticultural crops</i>	Francesco Orsini (Gianluca Barchi)	AGR/04 (07/B1)
Musso Valeria	<i>PhD scholarship funded by individual DISTAL faculty</i>	International Cooperation and Sustainable Development Policies	<i>Design and testing of behavioural interventions to foster the adoption of sustainable farming</i>	Matteo Vittuari (Andrea Segrè)	AGR/01 (07/A1)
Nabiyev Ramil	<i>Extra-quota position - PhD scholarship funded by Ministry of Science and Education of the Republic of Azerbaijan</i>	Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape	<i>Characterization and evaluation of sweet pepper (Capsicum annuum L.) collections and genetic analysis of quantitative traits</i>	Luca Dondini (Francesco Orsini, Sahil Guliyev)	AGR/03 (07/B2)

STAAA – PhD Students Enrolled in the 39th Cycle (7/10)

PhD student	PhD position	Research topic	Title	Supervisor (co-supervisors)	SSD (SC)
Nozzoli Andrea	<i>Extra-quota position - Public employee</i>	International Cooperation and Sustainable Development Policies	Assessing the social impact of food losses	Matteo Vittuari (Andrea Segrè)	AGR/01 (07/A1)
Oggiano Ivano	<i>PhD scholarship funded by NextGenEU/NRPP (MD118) – NRPP research</i>	Microbial Ecology and Plant Pathology	Integrated strategies for innovation and sustainable development in agri-food production - Development and study of new methods and technologies to control grapevine downy mildew and monitor the resistance of Plasmopara viticola populations to plant protection products	Marina Collina (Irene Maja Nanni)	AGR/12 (07/D1)
Oktar Busra	<i>PhD scholarship funded by funded by the UNIBO general budget and co-funded by DISTAL</i>	Food Science and Biotechnology	Emerging processing and packaging technologies for sustainable production of innovative foods	Pietro Rocculi (Silvia Tappi, Santina Romani)	AGR/15 (07/F1)
Oliverio Lorenzo	<i>PhD scholarship funded by NextGenEU/NRPP (MD118) – NRPP research</i>	Water-Food-Energy- Sustainable Agriculture Nexus	Integrated strategies for innovation and sustainable development in agri-food production - Application of high-resolution nuclear magnetic resonance to evaluate the quality of ingredients used to increase sustainability of food products	Francesco Capozzi (Elena Babini, Carlo Mengucci)	CHIM/03 (03/B1)

STAAA – PhD Students Enrolled in the 39th Cycle (8/10)

PhD student	PhD position	Research topic	Title	Supervisor (co-supervisors)	SSD (SC)
Orazio Gabriella	PhD scholarship funded by funded by UNIBO general budget	Animal Science	Application of precision feeding strategies during the perinatal and lactation periods to enhance swine health and resilience and environmental sustainability	Diana Luise (Paolo Trevisi)	AGR/18 (07/G1)
Paesano Anna	PhD scholarship funded by funded by UNIBO general budget	Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Waste as resource, the role of soil: the impact of compost from organic recycling and compostable bioplastics on the soil-plant-microbiota system	Claudio Marzadori (Martina Mazzon)	AGR/13 (07/E1)
Pellegrini Luca	PhD scholarship funded by funded by UNIBO general budget	Agricultural Engineering	Novel technical solutions for increasing the traction efficiency of agricultural tractors	Michele Mattetti (Massimiliano Varani)	AGR/09 (07/C1)
Perotti Fabio	PhD scholarship funded by NextGenEU/NRPP (MD117) & Nuova Era Società Agricola	Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Cultivation of cannabis in greenhouses for medicinal use of active ingredients	Francesco Orsini (Giuseppina Pennisi, Walter Menozzi)	AGR/04 (07/B1)
Pini Filippo	PhD scholarship funded by individual DISTAL faculty	International Cooperation and Sustainable Development Policies	The role of individual behaviour and social norms on the generation of food waste	Matteo Vittuari (Andrea Segrè)	AGR/01 (07/A1)

STAAA – PhD Students Enrolled in the 39th Cycle (9/10)

PhD student	PhD position	Research topic	Title	Supervisor (co-supervisors)	SSD (SC)
Piovano Teresa	<i>PhD scholarship funded by the UNIBO general budget (co-financing required for "Departments of Excellence")</i>	Water-Food-Energy-Sustainable Agriculture Nexus	<i>Environmental assessment of vertical farming systems</i>	Francesco Orsini (Giuseppina Pennisi, Michael Martin)	AGR/04 (07/B1)
Polimeni Barbara	<i>PhD scholarship funded by individual DISTAL faculty</i>	Animal Science	<i>Disentangle the implications of the postbiotic-based feeding strategy on the growth performance and gut health of pigs</i>	Paolo Trevisi (Diana Luise)	AGR/18 (07/G1)
Prospero Simone	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & Futura</i>	International Cooperation and Sustainable Development Policies	<i>Tools and strategies for sustainability and innovation management in the food sector</i>	Matto Vittuari (Francesco Cirone, Fabio Fenati)	AGR/01 (07/A1)
Rossini Ernesto	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & ENEA</i>	Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	<i>Scaling-out agroecological innovations for agro-food systems transformation toward sustainable development goals using Artificial Intelligence</i>	Francesco Orsini (Giuseppina Pennisi, Milena Stefanova)	AGR/04 (07/B1)
Salameh Katia	<i>PhD scholarship funded by UNIBO general budget</i>	Agricultural and Food Economics and Policy	<i>Enhancing sustainability and growth: strategies for SMEs, farms, and agri-tourism in the italian food and wine sector</i>	Rino Ghelfi (Alessandra Castellini)	AGR/01 (07/A1)

STAAA – PhD Students Enrolled in the 39th Cycle (10/10)

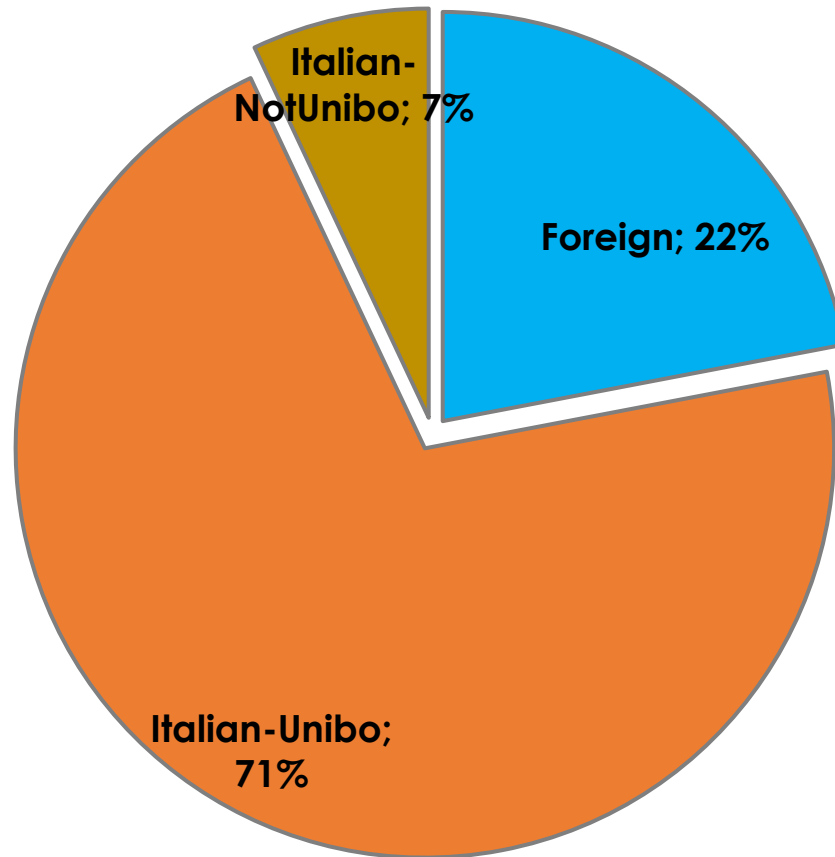
PhD student	PhD position	Research topic	Title	Supervisor (co-supervisors)	SSD (SC)
Troisi Claudia	<i>PhD scholarship funded by NextGenEU/NRPP (MD117) & Olitalia</i>	Food Science and Biotechnology	<i>Evaluation of the frying performance of seed oils, oil blends and frying products selected on the basis of their intended use, by physico-chemical and sensory analysis</i>	Maria Teresa Rodriguez Estrada (Tullia Gallina Toschi, Dario Mercatante, Matilde Tura, Daniela Natale)	AGR/15 (07/F1)
Vicinanza Andrea	<i>PhD scholarship funded by individual DISTAL faculty</i>	International Cooperation and Sustainable Development Policies	<i>Integrated sustainability assessment tools to support policy decisions in agro-food systems</i>	Matteo Vittuari (Andrea Segrè)	AGR/01 (07/A1)
Volpe Federica	<i>PhD scholarship funded by UNIBO general budget under the “Progetti di Sviluppo Strategico dei Dipartimenti” and co-funded by individual DISTAL faculty</i>	Water-Food-Energy-Sustainable Agriculture Nexus	<i>Development of comprehensive tools to assess sustainability of poultry production</i>	Federico Sirri (Marco Zampiga, Massimiliano Petracchi)	AGR/20 (07/G1)
Zavatta Laura	<i>PhD scholarship funded by NextGenEU/NRPP (MD118) – NRPP research</i>	Water-Food-Energy-Sustainable Agriculture Nexus	Integrated strategies for innovation and sustainable development in agri-food production – <i>Monitoring of pollinators supported by GIS: territorial classification and ecological restoration based on bee and hoverfly diversity</i>	Giovanni Burgio (Antonio Masetti, Daniele Sommaggio)	AGR/11 (07/D1)

STAAA – Current PhD Students

Research topic	XXXIX cycle	XXXVIII cycle	XXXVII cycle	XXXVI cycle	TOT.
1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	10	10	9	4	33
2) International Cooperation and Sustainable Development Policies	5	3	6		14
3) Microbial Ecology and Plant Pathology	5	3	2	2	12
4) Agricultural and Food Economics and Policy	5	4	7	4	20
5) Agricultural Entomology			1		1
6) Agricultural Engineering	1	6	2	1	10
7) Food Science and Biotechnology	8	10	4	4	26
8) Animal Science	3	3	4	4	14
9) Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape	2	5	1	2	10
10) Water-Food-Energy-Sustainable Agriculture Nexus	7	12	4	6	29
TOT.	46	56	40	27	169

STAAA – Current PhD Students

COUNTRY OF ORIGIN



 :  **55:45**

Nationality of foreign PhD students:
Algeria, Austria, Azerbaijan,
Cameroon, Chile, China, Colombia,
Cuba, Ethiopia, France, India, Iran,
Lebanon, Nigeria, Pakistan, Portugal,
Syria, Spain, Turkey, Tunisia and USA

Supervisors: n. 88 (69% of PhD
students are supervised by DISTAL
faculties not belonging to the
Academic Board)

STAAA – Co-tutorships

Collaborations

- China Scholarship Council - A total of 19 PhD positions provided in the last 8 cycles
- ADA University (Azerbaijan) - A total of 5 PhD positions provided in the last 2 cycles

Framework Agreements signed by UNIBO involving STAAA Course

- Universidad National de Rosario (Argentina)
- National Chung Hsing University (Taiwan)
- European Bioeconomy University (University of Eastern Finland, University of Hohenheim, AgroParisTech, University of Natural Resources and Life Sciences, Wageningen University and Research)

Bilateral STAAA co-tutorships

Ingoing

- Universidade do Porto (Portugal) - Cristina do Vale Correira (36th cycle)
- Mediterranean Agronomic Institute of Montpellier (France) - Reem EL Khechen (38th cycle)
- Universitat Autònoma de Barcelona (Spain) - Guido Evangelista (38th cycle)
- The Graduate University for Advanced Studies, SOKENDAI (Japan) - Doua Zakaria (39th cycle)
- Universidade de Lisboa (Portugal) - Madalena Ramos (39th cycle) - to be finalized

The procedure to initiate a cotutelle agreement must start within the first year of enrolment (For more information [University Intranet](#))

Outline

1. General Information on STAAA PhD Programme
2. Presentation of First-year PhD Students
- 3. Teaching Activities for A.Y. 2023/24 (Francesco Spinelli)**
4. STAAA PhD Programme Framework
5. PhD Student Representatives
6. Being a PhD Student at Unibo

STAAA – Courses for A.Y. 2023/24

<https://phd.unibo.it/agricultural-environmental-food-sci-technology/en/courses>



PHD PROGRAMME
AGRICULTURAL, ENVIRONMENTAL AND FOOD SCIENCE
AND TECHNOLOGY

MENU

[Home](#) / COURSES



COURSES

On this page, you can find all the Courses and Seminars scheduled for the PhD Students. The list of compulsory courses is reported in the following table. Courses already scheduled are reported below.

HIGHLIGHTS

- ONLINE COURSES

[Link to online courses on Teams](#)

Courses	Research topics in Economics and Cooperation (hours)	Other research topics (hours)
Bibliographic services to support research	4	4
Research evaluation	3	3
Copyright guide for thesis preparation	3	3
Philosophy of science and research methodology	10	10
Writing and presenting a paper in biological and physicochemical sciences		4
Setting up a research protocol		4
How to present a paper in a scientific conference in biological and physicochemical sciences		4



STAAA – Courses for A.Y. 2023/24

- **PhD compulsory courses:** about 135 hours; mandatory for everybody; attendance (at least 80%); but they can be taken the next year; proficiency (final test when required).

When: approximately from March to June 2024

- **Research topic specific courses:** about 15 hours; compulsory for each specific thematic area, but open as voluntary courses for the PhD candidates of other areas that do not foresee the course as mandatory.

When: approximately from May to October 2024

- **Elective courses:** other courses and seminars organized within and outside the PhD

When: along the year

STAAA – Courses for A.Y. 2023/24

- **Voluntary activities** (CV/subject specific and NOT COMPULSORY FOR EVERYBODY) have to be agreed with the supervisor and/or the CV responsible
- **Contact** for didactic activities: francesco.spinelli@unibo.it
- Please use your **@unibo.it** address for all the communications related to the PhD. You will receive ALL THE OFFICIAL COMMUNICATIONS on your **@unibo.it** address

STAAA – Academic English Skills (AcES)

- The AcES one-term course is provided by Centro Linguistico di Ateneo (CLA) and participation costs are covered by DISTAL
- Purpose: To develop written and spoken English communication skills in academic setting.
- Course requirements:
 - B2 entry level – Upper intermediate
 - Participants must attend at least 70 percent of the module and complete the required assignments in order to obtain a certificate of attendance and profit.
- Duration: 50 hours, divided into 24+2 hours class sessions (synchronous online learning mode), and 24 hours on the CLA -Centro Linguistico di Ateneo-dedicated Moodle platform (Sessions - 8 lessons per session, once a week)
- Calendar and information are available on [course website](#)

STAAA – Compulsory Courses for A.Y. 2023/24

N.	Course	Hours	Hours Eco e Coop	Lecturer
1	Bibliographic services to support research ¹	4	4	Silvia Muzzi and Marco Tagliavini
	Research evaluation	3	3	Davide Viaggi
	Copyright guide for thesis preparation	3	3	ABIS – Settore Biblioteca di Agraria “G. Goidanich”
2	Philosophy of science and research methodology	10	10	Francesco Spinelli
3A	Writing and presenting a paper in biological and physicochemical sciences	4		Luca Corelli Grappadelli
	Setting up a research protocol	4		Luca Corelli Grappadelli
	How to present a paper in a scientific conference in biological and physicochemical sciences	4		Luca Corelli Grappadelli
3B	Writing a scientific paper in social and economic sciences		8	Stefano Targetti
	How to present a paper in a scientific conference in social and economic sciences		5	Luca Mulazzani
4	Statistics			
	Introduction to statistical methods with R	10	10	Lorenzo Negri
	Basic statistics and experimental design in agri-food sciences	15	15	Martina Zappaterra
	Advanced regression methods	10	10	Maurizio Canavari
	Time Series Analysis with R	10	10	Lorenzo Negri
	Introduction to spatial analysis and geostatistics with R	10	10	Gabriele Baroni
5	Research financing and project design in agricultural sciences	20	20	Davide Viaggi
6	Intellectual property rights, enterprise creation, and business plan	20	20	Maurizio Canavari/KTO
7	AcES - Academic English Skills ²	24	24	CLA

1: December 2023 - **2:** Students have been already invited to register for courses in the 1st or 2nd semester, without the need of an entry test for level



STAAA – Compulsory Courses for A.Y. 2023/24

N.	Course	Hours	Hours Eco e Coop	Date
1	Bibliographic services to support research	4	4	December 19 and 20 Morning- Bologna Campus



STAAA – Compulsory Courses

Compulsory courses and seminars will be given in English.

Variations from the compulsory learning programme must be proposed by each tutor to the Scientific Committee and then approved.

PhD students are expected to attend at least to 80% of the course duration. Otherwise the course will not be considered as attended.

STAAA - Area Compulsory Courses

Area compulsory courses: will be given in English; about 15 hours; mandatory depending on the area, but open as voluntary courses for the PhD candidates of other areas that do not foresee the course as mandatory.

When: approximately from March to June 2024

More specific information with the new year. *We are currently completing the first year of Area compulsory courses.*

Anyway some info can be found on the website of the PhD.

STAAA – Specific Mandatory Courses for A.Y. 2023/24

N.	Course	Research topic									
		1-Agr	2-Coo	3-Pat	4-Eco	5-Ent	6-Ing	7-Ali	8-Zoo	9-Arb	10-Nx
1	Impact of biotechnology on production, safety and protection of sustainable agricultural products (6 h) – S. Salvi, L. Fontanesi, C. Ratti	6		6		6			6	6	
2	Geographical information systems (8 h) – D. Torreggiani					8	8				
3	Energy efficiency and sustainability of buildings for agriculture and agro-industry (7 h) – A. Barbaresi						7				
4	Climate change, agriculture and forest ecosystems: forcings, feedbacks and solutions for adaptation and mitigation (8h) – G. Falsone, M.R. Guerrieri, B. Morandi, F. Ventura	8		8						8	8
5	Food loss (5h) and waste (10h): reduction, management and valorization – T. Gallina Toschi, S. Tappi, L. Vannini, M. Vittuari		5		5			15			
6	Insights into animal nutrition and precision feeding (8 h)								8		
7	Introduction to spatial analysis and geostatistics for supporting precision agriculture (7 h) – G. Baroni										7
	TOTAL	14	15	14	15	14	15	15	14	14	15

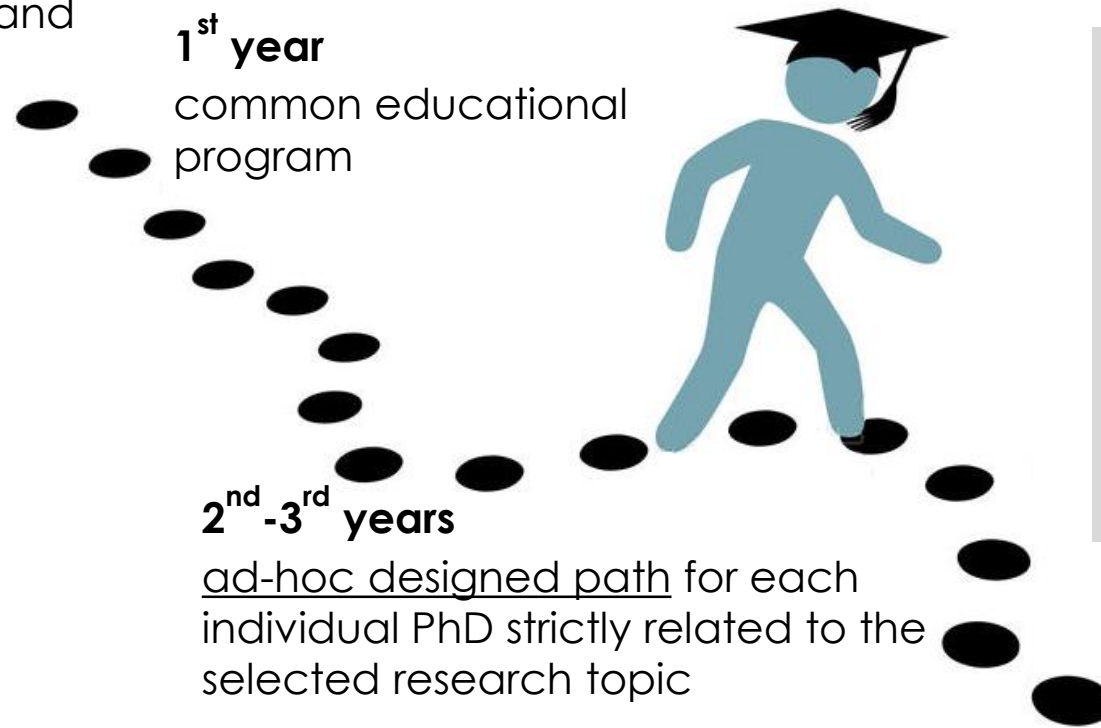


Outline

1. General Information on STAAA PhD Programme
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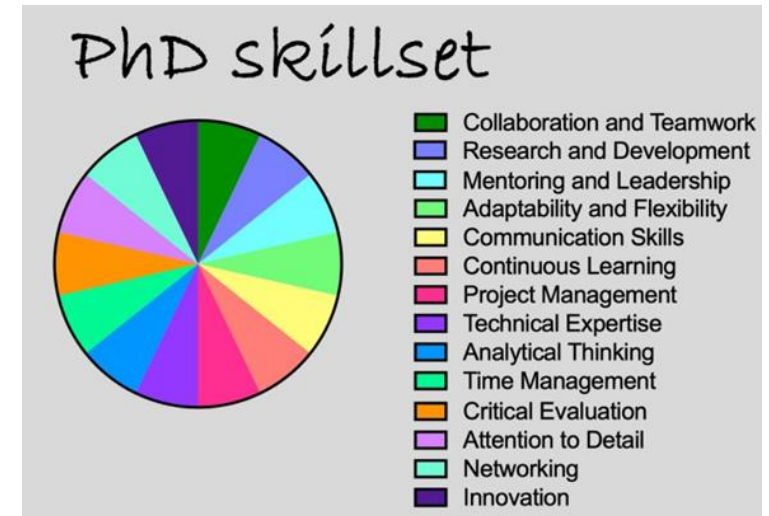
STAAA – Doctoral path

The STAAA is a three-year, English-language PhD programme working with a wide variety of industrial and academic partners



part of the research is carried out in a research centre abroad (at least 3 months)

PhD students are required to plan and carry out an original research project with the supervision of a DISTAL faculty and to develop the ability to work independently and in a team



Gain the specialist skills necessary to carry out highly qualified research activities at universities, public bodies or private entities



STAAA – Roadmap (39th Cycle)

	Event	Deadline
1° yr.	Evaluation form of the activities of the 1 st year	Sep 2024
	Admission to the 2 nd Year	Mid Oct 2024
2° yr.	Evaluation form of the activities of the 2 nd year	Sep 2025
	Admission to the 3 rd Year	Mid Oct 2025
3° yr.	Evaluation form of the activities of the 3 rd year	Aug 2026
	Admission to thesis reviewing phase (<i>reviewers and final exam board members and date must be appointed</i>)	Mid Sep 2026
	Electronic submission of thesis for external revision (2 reviewers)	Oct 2026
	Deadline for thesis review	Mid Dec 2026
	Decision of admission to final exam based on thesis evaluation	Jan 2027
final exam	Electronic submission of final version of the thesis	Mid Feb 2027
	Final exam	Mid Mar – Mid Apr 2027

STAAA – Requirements to Be Admitted to Thesis Review

You need to satisfy four requirements:

- Attending at least 80% of the compulsory courses
- Participate in a scientific congress with a contribution presented as oral communication
- Submit or publish at least 1 article on a journal with IF (preferably as first author) within the end of PhD career
- Period abroad of a minimum duration of 3 months* (with exception of foreign PhD students)

* Additional requirements concerning internship abroad and in company are ruled for PhD students who are awarded with a position funded by M.D. 117 and 118/2023

STAAA – Special requirements for PhD students with positions funded by NextGenEU/NRPP (MD 117 & 118)

Applicants who are awarded with a position MD 117 and 118/2023 must:

- submit a report on a 6-month basis with the timesheet of their activities and a summary of the most important tasks. The reporting will be performed through an online platform using the template provided by MUR;
- complete the required mandatory periods of study and research as reported above:

PhD positions	Period abroad	Period in the company
NextGenEU/NRPP (MD 118) – PA	Mandatory (min. 6 months, max 12 months)	Mandatory (min. 6 months, max 12 months) in companies, research centres and Public Administrations
NextGenEU/NRPP (MD 118) – NRPP research		Optional
NextGenEU/NRPP & co-funded by companies/bodies (MD 117)		Mandatory (min. 6 months, max 18 months) in the respective company/body which co-funded the PhD position

- guarantee the respect of the obligations in terms of communication and information, indicating in all the documents that the Programme is funded in the frame of the NRRP, with explicit reference to the funding by the EU and the NextGenerationEU initiative, including in the papers the EU logo, and also suitably share and promote the Programme – online and on social media – in line with what provided by the Communication Strategy of the NRRP;

Scholarship can be revoked in case of:

- The research project carried out is different from the project funded, where no prior request is sent nor approved by the MUR;*
- The PhD student fails to carry out the minimum period of study and research in the company or abroad.*

STAAA – Trainee Period Abroad

MOBILITY PROGRAMS

- 50% grant increase
- Marco Polo program (by DISTAL – not compatible with 50% grant increase)
- Other mobility programs (Erasmus+ traineeship, bilateral exchange programs, etc.)

Your period abroad must be authorized by the Academic Board: documents required are the invitation letter of the foreign institution and the forms properly filled in ([see instructions](#))

STAAA – Individual Research 10% Budget

Since the beginning of the 1st year, PhD students (with the only exception those enrolled in extra-quota positions funded by foreign Countries) have a right to an annual amount of € **1,624.30** dedicated to supporting their national and international research activities (see article [13.6 of the Regulation](#)).

At the beginning of the 2nd and 3rd year, the same amount is made available once more, and this is added to what remains of the amount awarded for research carried out in the previous years of study.

The 10% budget should be preferably used for covering travel expenses related to research periods and participation to courses/congresses in Italy and abroad.

For positions funded by NextGenEU/NRPP (MD 117 & 118), this budget is already available.

For the remaining positions, this budget will be directly provided by each own supervisor.

For information, you can contact [Distal - Personale Esterno](#) (contact person: Manuela Zappoli).

STAAA – Compatible Activities

Some activities are not compatible with PhD programme enrollment/PhD scholarship (see [art. 14 Regulation](#)):

Any **external activities** with salary must be authorized by the Academic Board (form is available on [STAAA website](#)).

STAAA Course Website

<https://phd.unibo.it/agricultural-environmental-food-sci-technology/en/career>



PHD PROGRAMME
AGRICULTURAL, ENVIRONMENTAL AND FOOD SCIENCE
AND TECHNOLOGY

The screenshot shows a green navigation bar with a 'MENU X' button. Below it is a vertical menu with the following items: HOME, STAAA PH.D. COURSE, PEOPLE, ADMISSION, CAREER (highlighted in blue with a green arrow pointing to it), FINAL EXAM & THESIS, INVEST IN STAAA, CALENDAR, and CONTACTS. The 'CAREER' sub-menu is expanded, listing: COURSES, 3-MONTHS DOCTORATE EXTENSION, INTERNSHIP ABROAD, INDIVIDUAL RESEARCH 10% BUDGET, BIBLIOGRAPHIC RESOURCES & TOOLS, WORKING WHILE ATTENDING THE Ph.D., FUNDING PROGRAMMES AND OPPORTUNITIES FOR Ph.D. STUDENTS, and GENERAL INFORMATION FOR Ph.D. STUDENTS.

Once you are successful in your Ph.D. project, you will be required to **design a research and study plan** with your **supervisor** in order to start your Ph.D. project and the necessary steps to implement it. From time to time, you will need to update your research and study plan, taking into account the development of your work and the latest developments in your field of research. During the three years, you will have to attend regularly **classes and seminars** specifically

[-technology/en/career](https://phd.unibo.it/agricultural-environmental-food-sci-technology/en/career)



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6. Being a PhD student at Unibo

The Faculty Bodies in Which We Are Active

Department Council includes all researchers (RTD-B and RTA-A), professors of the DISTAL and students' representatives. **It works on all departmental activities.**

Valentina Guerrieri
Martina Bordini



PhDs students



PhD Board includes **24 members** belonging to the Dept. covering all disciplines involved in PhD Programme. **It plans and manages the Ph.D. Programme**

Mara Petruzzelli
Celeste Lazzarini



Yearly Activities and Communications

FROM US:

- You might receive emails on general communications, didactic emergencies, etc.
- You will receive a specific email after each PhD board, with the report summarizing the topics of interest that were discussed;
- You may receive reports from us when issues related to the PhD students are discussed in the Department Council;

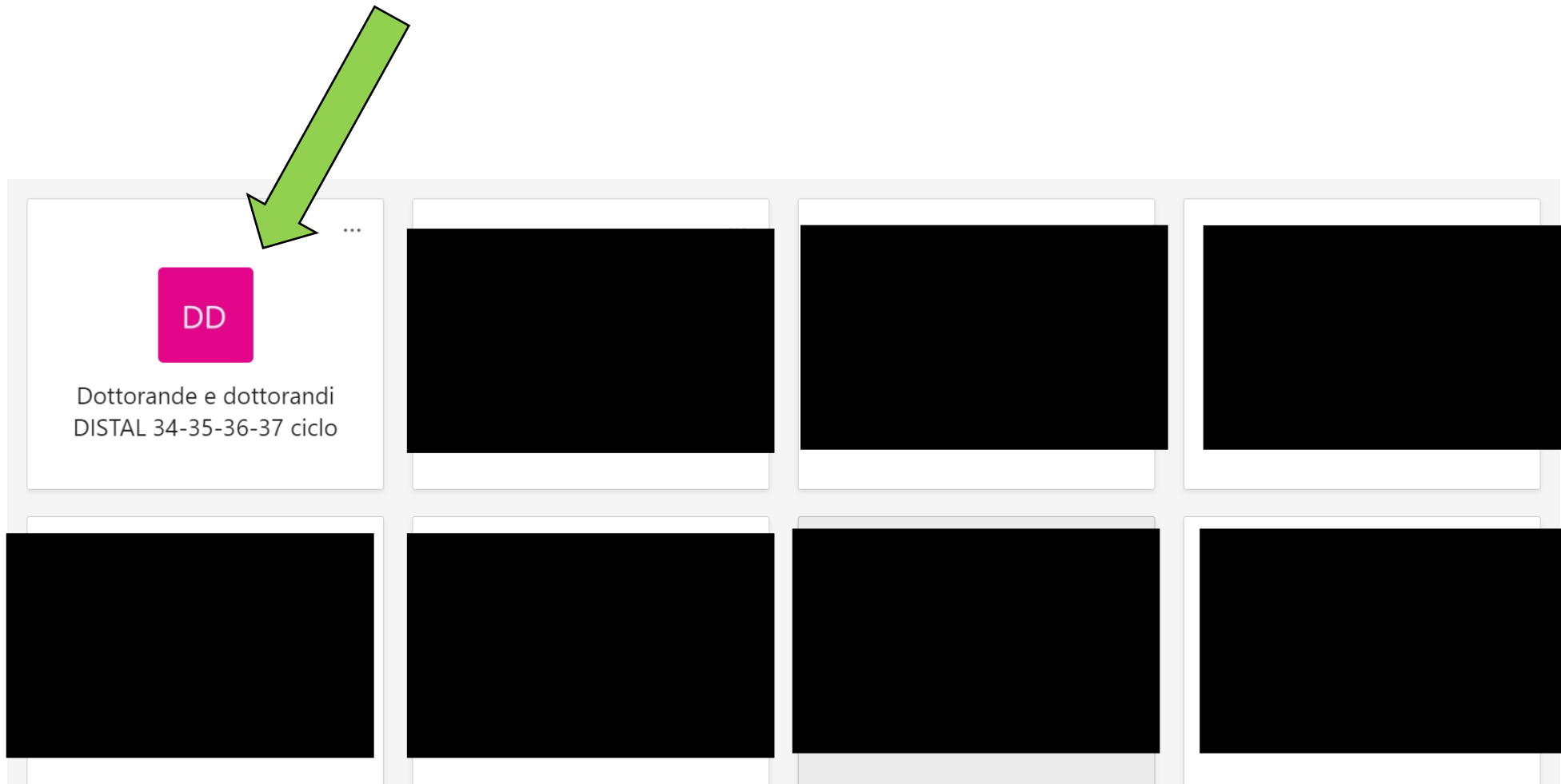
FOR US:

Feel free to contact us (mara.petruzzelli@unibo.it, celeste.lazzarini3@unibo.it; martina.bordini5@unibo.it; valentina.guerrieri2@unibo.it) for suggestions, issues and communications related to the didactic, and academic career.



1-2 informal meetings (or more in case of particular events) per year to meet&cheers, wrap-up concerns of collective interest received via mail, exchange opinions and needs to be reported to the PhD board and Department Council.

Team (on Teams)



Outline

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Rules Governing Your PhD Career

- “**Regulation Governing the PhD Programme Degrees**” is a document that defines rights and duties of PhD students at Unibo and regulates the functioning of the Academic Board. Available for download in Italian [here](#) and in English [here](#). Suggested reading at the start of your PhD career (at least read Art. 5, Art. 13 – 22);
- Some information on deadlines and rules for PhD students is also available on the [Unibo Intranet](#) (very useful if you need to access information quickly, unfortunately available in Italian only);
- The latest version of the **PhD Handbook** will be available soon on the Intranet (English and Italian – now available for 38th cycle);
- [Frequently Asked Questions](#) on the University Website are also a useful source of information.



Logistics

Each doctoral student has two sets of credentials

- With name.surname@studio.unibo.it you can access:
 - [Students Online](#) , where to pay fees and get certificates
 - [ER.GO](#)

- With name.surname@unibo.it you can access to all applications and information regarding you career including:
 - **University Intranet**
 - **CedoliniWeb** to manage your scholarship payments
 - **All other websites as listed [here](#)**

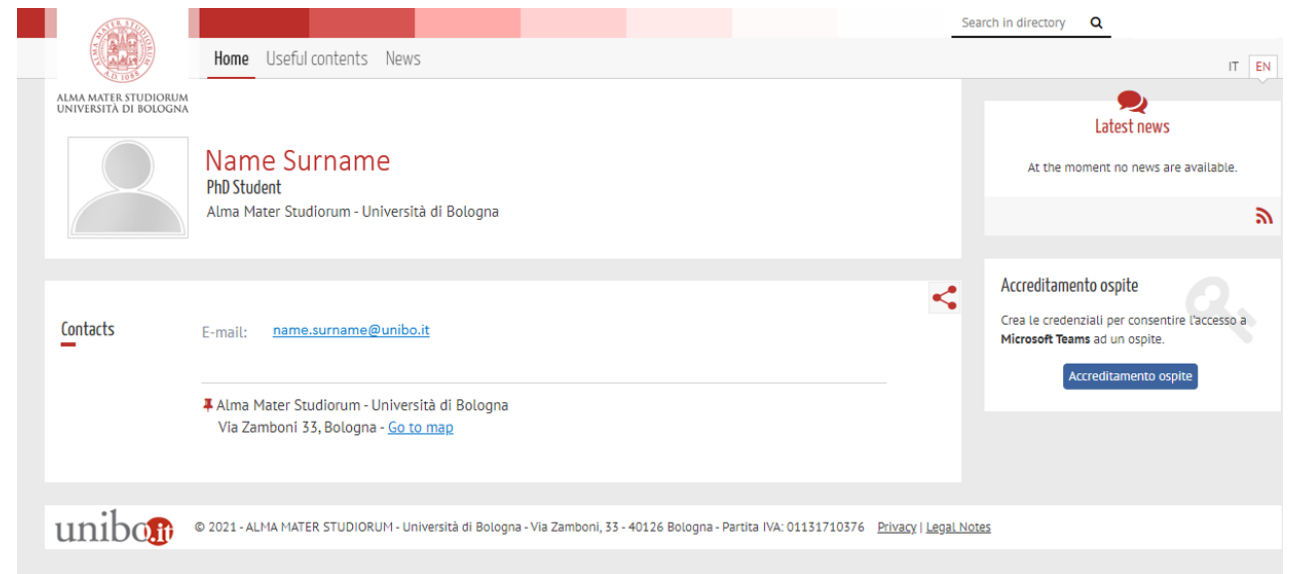


Personal Website

The University makes available to each PhD student a webpage for the publication of their Scientific CV and information related to the activities carried out in the University.

You can manage and modify your page [here](#)

It is available both in Italian and English



The screenshot displays a personal website interface for a PhD student at Alma Mater Studiorum University of Bologna. The page features a header with the university's logo and name, a search bar, and navigation links for Home, Useful contents, and News. The main content area includes a profile section with a placeholder for a photo, the student's name and surname, their role as a PhD Student, and their affiliation with the university. Below this, there is a 'Contacts' section with an email address and a 'Locations' section with the university's address and a map link. On the right side, there is a 'Latest news' section with a message that no news are currently available, and an 'Accreditamento ospite' section with a button to create credentials for Microsoft Teams access. The footer contains the 'unibo.it' logo, copyright information, and links to Privacy and Legal Notes.



Let's Talk About Money

Fees, scholarship and funds

PhD students have to pay a yearly enrollment fee (157.04€ per Academic Year). Such fee covers insurance and the Regional Tax for Students.

Most PhD students receive a monthly scholarship. The scholarship is paid around the 25th day of each month.

Please log into [Cedolini Web](#) to obtain more information about the payment of your scholarship.

Please Note: For international PhD students who need a Permit of Stay, the payment of the first scholarship instalment is subject to the submission to our Office of an Italian Fiscal Code and the receipt of the request for the Permit of Stay.



Let's Talk About Money

- PhD student can access a **research fund that amounts to 10%** of the gross yearly scholarship. The fund can be spent to cover the cost of research-related activities and materials. The fund is managed by the Department and your formal request should be sent to them. Its use must be previously authorized according to the Department regulations.
- During the **time spent abroad** (visiting) for academic and research purposes, the **scholarship is increased by 50%**. The increase is granted only for periods abroad longer than one month and up to six. In order to receive this fund (if the Academic Board has authorized your stay abroad) you should write a request to our Office.

Visit the [dedicated intranet webpage](#) for more information.



Obligations of PhD Students

Attending the **PhD programme is a full-time and exclusive commitment**

PhD students are required to **carry out research activities and to attend the seminars** and classes mandated by the Academic Board

PhD students cannot spend more than 12 months abroad visiting (or 18 months in case of a cotutelle agreement)

PLEASE NOTE: NRPP PhD students have further obligations related to the nature of their scholarship (period in a company and abroad, reporting). Always check your unibo email box and read carefully the emails coming from the ministry and our offices.

More information will be made available shortly by the PhD Unit.



Working While Doing a PhD

There are working activities that can be undertaken **only with the formal authorization of the Academic Board**, which evaluates if the activity is compatible with attendance to the PhD programme.

For instance:

- Internship or apprenticeship of any kind
- Teaching assistance (*Tutorato*) for a maximum of 60 hours per Academic Year
- Any kind of paid activity or job

Warning: carrying out any paid activity without the authorization of the Academic Board can result in exclusion from the PhD programme



Incompatibility and Non-accumulation Regime

1. Enrolment to a PhD programme is not compatible with:

- the **concurrent enrolment in another PhD programme**, with the exception of the enrolment in PhD programmes covered by cotutelle agreements;
- activity deemed incompatible with the PhD programme by the Academic Board

2. Scholarships cannot be combined with:

- **other scholarships** awarded for whatever purpose, except those granted by national or international institutions, or institutions established in foreign Countries, aimed at financing periods spent abroad;
- the emoluments of **medical doctors under training**. Scholarship payments are suspended for the period in which the PhD candidate is also enrolled in a medical specialization school;
- **research grants**. Research grants holder, who are also awarded of a PhD scholarship, must irrevocably renounce either to the research grant or to the scholarship by the programme starting date.



Suspension («Freeze» Your PhD Career)

PhD students can apply for a suspension in the following cases:

- Severe illness lasting more than 30 days, appropriately documented
- Taking care of a severely-ill close relative
- Maternity/paternity, adoption, and custody for both compulsory and optional periods
- Military service in the Italian Armed Forces
- National Civil Service (*Servizio Civile*)

The suspension can last from 1 to 6 months

During the suspension PhD students do not receive any scholarship and are not allowed to progress in their PhD career.

Suspension causes a postponement of the limit of the legal duration of the PhD career.

Please Note: The career could have a maximum deadline in the cases of NRRP scholarships.



Maternity Leave

There is a mandatory suspension of 5 months according to the Italian law.

If PhD students suspend their career only for the mandatory period, the Academic Board can also decide not to postpone the legal duration of the PhD career.

Please note: Even if you are a working PhD student you should suspend your PhD career for at least 5 months.

You should give communication to our Office at least **2 months before** the expected due date.



Expulsion/Withdrawal From a PhD Programme

The Academic Board can decide to expell PhD students from the programme because one of the following reasons:

- Major violations of the Unibo Regulations on PhD programmes
- Negative evaluation of the student's work and/or failure in meeting the academic deadlines mandated by the Academic Board

Warning: Expulsion can be decided at any time during the Academic Year



Seems Quite Complicated...

If you have any question or are uncertain about what you are allowed or not allowed to do, please feel free to contact the PhD Unit at aform.udottricerca@unibo.it or carefully read the Unibo **Regulations on PhD Programmes** and the **PhD Students Handbook**

Please remember that major violations of the rules may result in exclusion from the PhD programme

When in doubt, ask!



Iscriversi, studiare, laurearsi

Lauree e Lauree Magistrali

Insegnamenti

Master universitari

Dottorati di ricerca

Scuole di specializzazione

Corsi di alta formazione

Summer e winter school

Education progetti internazionali

Formazione insegnanti

Innovazione didattica

Esami di Stato

**VISTO E PERMESSO
DI SOGGIORNO**



**RICONOSCIMENTO
ACCADEMICO
DOTTORATI ESTERI**

Dottorati di ricerca

Desideri iscriverti a un dottorato di ricerca?



Per accedere a un corso di dottorato presso l'Università di Bologna è necessario superare una procedura di selezione. Tutte le informazioni sulla selezione sono contenute nei relativi Bandi di ammissione.

- [Elenco dottorati di ricerca dell'Università di Bologna](#)
- [Elenco Dottorati Nazionali a cui partecipa l'Università di Bologna](#)
- [Borse di dottorato di ricerca PNRR: oltre 750 opportunità di formazione e crescita professionale](#)
- [Ricerca finanziata](#)
- [Informazioni per iscriverti a un dottorato di ricerca](#)
- [FAQ Domande frequenti sul bando di dottorato e le procedure di ammissione](#)

Frequenti o hai frequentato un corso di dottorato in Unibo?



ALLEGATI

[Brochure di presentazione dei Dottorati di ricerca \(in inglese\)](#)
[.pdf 525 KB]

CONTATTI

AFORM - SETTORE DOTTORATO DI RICERCA

Indirizzo

Via Irnerio 49, 40126, Bologna

Si riceve su appuntamento da richiedere via e-mail.

E-mail

aform.udottricerca@unibo.it

Telefono

+39 051 2094620

Orari

Mercoledì: 9:00 - 11:15

Giovedì: 14:30 - 15:30



Gruppi Tematici di Ateneo (GTA)

Finanziamenti europei ed extraeuropei +

Finanziamenti nazionali +

Finanziamenti regionali e da fondazioni locali +

Finanziamenti di Ateneo +

Network e associazioni per la ricerca

Mobilità per ricerca

Collaborare con imprese ed enti

Tutelare e valorizzare i risultati della ricerca (brevetti, spin-off, ecc.)

Divulgare la ricerca e la cultura

Valutazione e qualità della ricerca e della terza missione

Attrezzature di ricerca

Etica e privacy nella ricerca

Borse di studio per ricerca e assegni di ricerca

Dottorati -

• **Carriera, opportunità e servizi per i dottorandi**

• Attivare e gestire dottorati (informazioni per docenti e tecnici amministrativi)

Invia questa pagina ad un collega ✉️ Aggiungi ai miei link 📌 Stampa 🖨️

Sei in: [Ricerca e terza missione](#) > [Dottorati](#) > [Carriera, opportunità e servizi per i dottorandi](#)**Carriera, opportunità e servizi per i dottorandi****In evidenza****Nuovo regolamento**

Dal 10 maggio 2022 è entrato in vigore il nuovo 'Regolamento per l'istituzione e il funzionamento dei corsi di dottorato', che si applica a partire dal 38° ciclo. Per i cicli precedenti fino al 37° si applica il [precedente regolamento](#), emanato il 5/12/2016 e aggiornato al 31/10/2017.

Guida al dottorato per il 38° ciclo

Per i dottorandi dal 38° ciclo in avanti è disponibile una guida che riassume le principali informazioni su carriera, opportunità e servizi. Scarica la [guida al dottorato per il 38° ciclo \(english version\)](#).

- › [Credenziali istituzionali, matricola, badge, dati e sito web personali](#)
- › [Compatibilità, incompatibilità e divieti di cumulo](#)
- › [Tasse, borse di dottorato e altre agevolazioni](#)
- › [Soggiorni all'estero e trasferte](#)
- › [Cotutele con atenei esteri](#)
- › [Tirocini e apprendistato](#)
- › [Budget 10% \(spese per la ricerca del dottorando\)](#)
- › [Copertura assicurativa, infortuni e responsabilità civile](#)
- › [Sospensione \(maternità, infermità, TFA, ecc.\) e rinuncia del dottorato](#)
- › [Esame finale e tesi di dottorato](#)
- › [Autocertificazioni, certificati e pergamena](#)

Welcome Day

- › [PhD Welcome Day 2023](#)

Formazione obbligatoria e trasversale

- › [Formazione obbligatoria sulla sicurezza e salute sul lavoro e sulla privacy](#)
- › [Acquisizione e sviluppo di competenze trasversali](#)

Indagini annuali sui dottorati di ricerca

- › [Indagini annuali sui dottorati di ricerca](#)



Partecipa all'indagine sulla valutazione dei corsi di dottorato



Seven higher education institutions joined forces to offer you a tailor-made **training programme** to improve your **entrepreneurship skills in the bioeconomy sector**



FOEBE

FOstering Entrepreneurship for a sustainable and innovative BioEconomy

16 weeks
8 modules
3 hours a week
1 week in Wageningen

"The program is an **opportunity for every student**, for research engineers and marketing persons, to have a glimpse into **how a start-up could work**, what is **entrepreneurship**, and what is entrepreneurship **in the bioeconomy**."
- Adonis Hilal (WULS, Warsaw)



FOEBE

ONLINE COURSE FOR
MASTER AND PHD
STUDENTS IN BIOECONOMY

Be the next bioeconomy
entrepreneurs!

Course will start on January 9th, 2024
Applications are open until November 26th, 2023

