

PhD Programme in Agricultural, Environmental and Food Science and Technology



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Department of Agricultural and
Food Sciences (DISTAL)

ACCADEMIC YEAR
2019/2020

KICK-OFF MEETING of the 35th Cycle

November 29th, 2019



Outline

- 1. UNIBO and DISTAL overview**
- 2. General info on STAAA PhD programme**
- 3. Presentation of first-year PhD students**
- 4. Teaching activities for A.Y. 2019/20**
- 5. STAAA PhD programme framework**



UNIBO – Multi-campus

Alma Mater Studiorum
Università di Bologna
is a multi-campus
university based in Bologna,
Cesena, Forlì, Ravenna, and
Rimini.

University Statute, Constituent
Principles, Art. 1 para. 2



UNIBO – Students Enrolled in Degree Programmes and in Third Cycle

International students

5,871

85,244
STUDENTS

18,798

Total number of students
In the
campuses

Students enrolled in third cycle and vocational training (a.y. 2018/2019):

- PhD candidates: 1,438
- Students in specialisation schools: 415 (data on medical specialization Schools are not included)
- Students in professional master's programmes: 1,475
- Students in postgraduate/lifelong learning programmes: 782

3,877

81,367



55.4%



44.6%

Students enrolled in degree programmes

- First cycle degree programmes: 57.1%
- Second cycle degree programmes: 22.0%
- Single cycle degree programmes: 19.2%
- Degree programmes under the previous system: 1.7%

STUDENTS



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

UNIBO – Departments

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

 **SCIENCE**

 **TECHNOLOGY**

 **MEDICINE**

 **HUMANITIES**

 **SOCIAL STUDIES**

DEPARTMENT

AGRICULTURAL AND FOOD SCIENCES - DISTAL



Dept. of Agricultural and Food Sciences (DISTAL)



Bologna



Cesena



Research centres:

Agricultural Mechanics (Cadriano)

Poultry Production and Food Safety (Ozzano dell'Emilia)



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DISTAL – Teaching/Degrees and Third Cycle Programmes



DEPARTMENT

AGRICULTURAL AND FOOD SCIENCES - DISTAL



2nd Cycle Degree/2 year Master
**Agricultural Sciences and
Technologies** - cod. 9235



1st Cycle Degree/Bachelor
Agricultural Technology - cod. 8524



1st Cycle Degree/Bachelor
Animal Production - cod. 8882



2nd Cycle Degree/2 year Master
**Food Safety and Food Risk
Management** - cod. 9140
International programme



2nd Cycle Degree/2 year Master
Food Science and Technology - cod.
8531



1st Cycle Degree/Bachelor
Food Technology - cod. 8528



2nd Cycle Degree/2 year Master
International Horticultural Science -
cod. 8883
International programme



1st Cycle Degree/Bachelor
Land and agro-forestry Sciences - cod.
8525



1st Cycle Degree/Bachelor
**Marketing and Economics of the
agro-industrial system** - cod. 8526



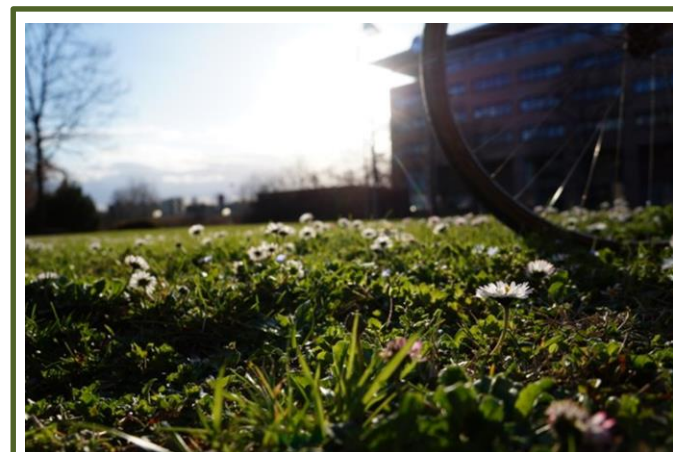
1st Cycle Degree/Bachelor
**Ornamental plants and landscape
protection** - cod. 8523



2nd Cycle Degree/2 year Master
**Planning and management of agro-
territorial, forest and landscape** - cod.



1st Cycle Degree/Bachelor
Viticulture and Enology - cod. 8527



3° Cycle Research Doctorate

PHD PROGRAMME

**AGRICULTURAL, ENVIRONMENTAL
AND FOOD SCIENCE AND TECHNOLOGY**



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DISTAL – Students Enrolled in DISTAL Courses

≈2.800
TOTAL
STUDENTS

PhD

80

PhD students
STAAA (n. 73)
Others (n. 7)
(at 31/07/2019)

Master

700

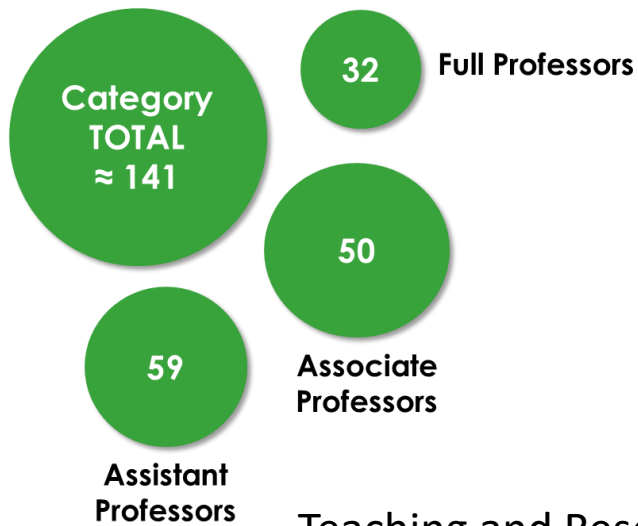
Batchelor

2000

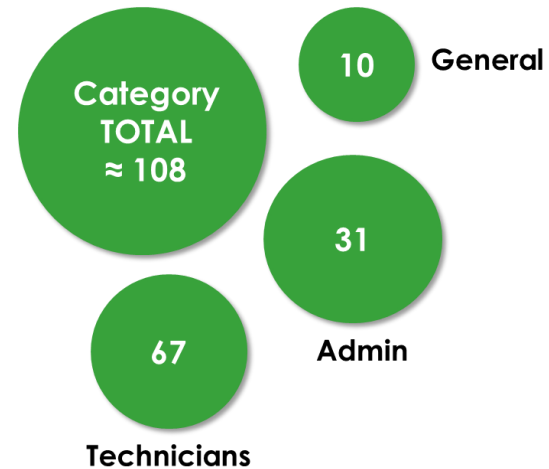


DISTAL – People

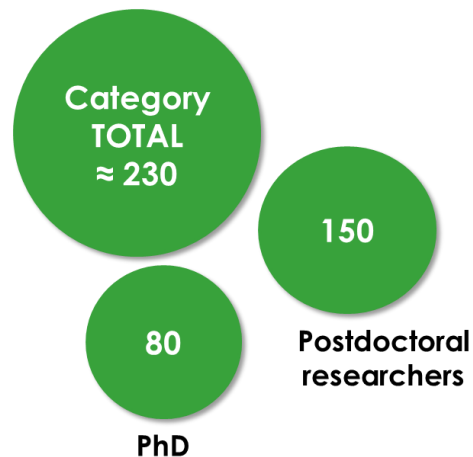
Teaching and Research Staff



Technical and Admin Staff



Teaching and Research Staff (Temporary)



DISTAL – Divisions of the Department and their Research Fields

Agricultural and Food
Economics

Agricultural Chemistry, Pedology
and Agricultural Genetics

Agronomy and Field, Vegetable,
Ornamental Crops

Fruit Tree and Woody Plant
Sciences

Agricultural Engineering

Plant Pathology and
Entomology

Agro-environmental and
Food Microbiology

Food Science and
Technology

Animal Sciences

Chemistry, Biochemistry and
Botany



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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
	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, Political, Economic and Statistical Sciences	Economics	
	European Law	
	Law, Science and Technology	
	Legal Studies	
	Management	
	Political and Social Sciences	
	Sociology and Social Research	
	Statistical Sciences	

PhD programme degrees: 48
(37 in English)

PhD students: 1.438
(at 31/07/2019)

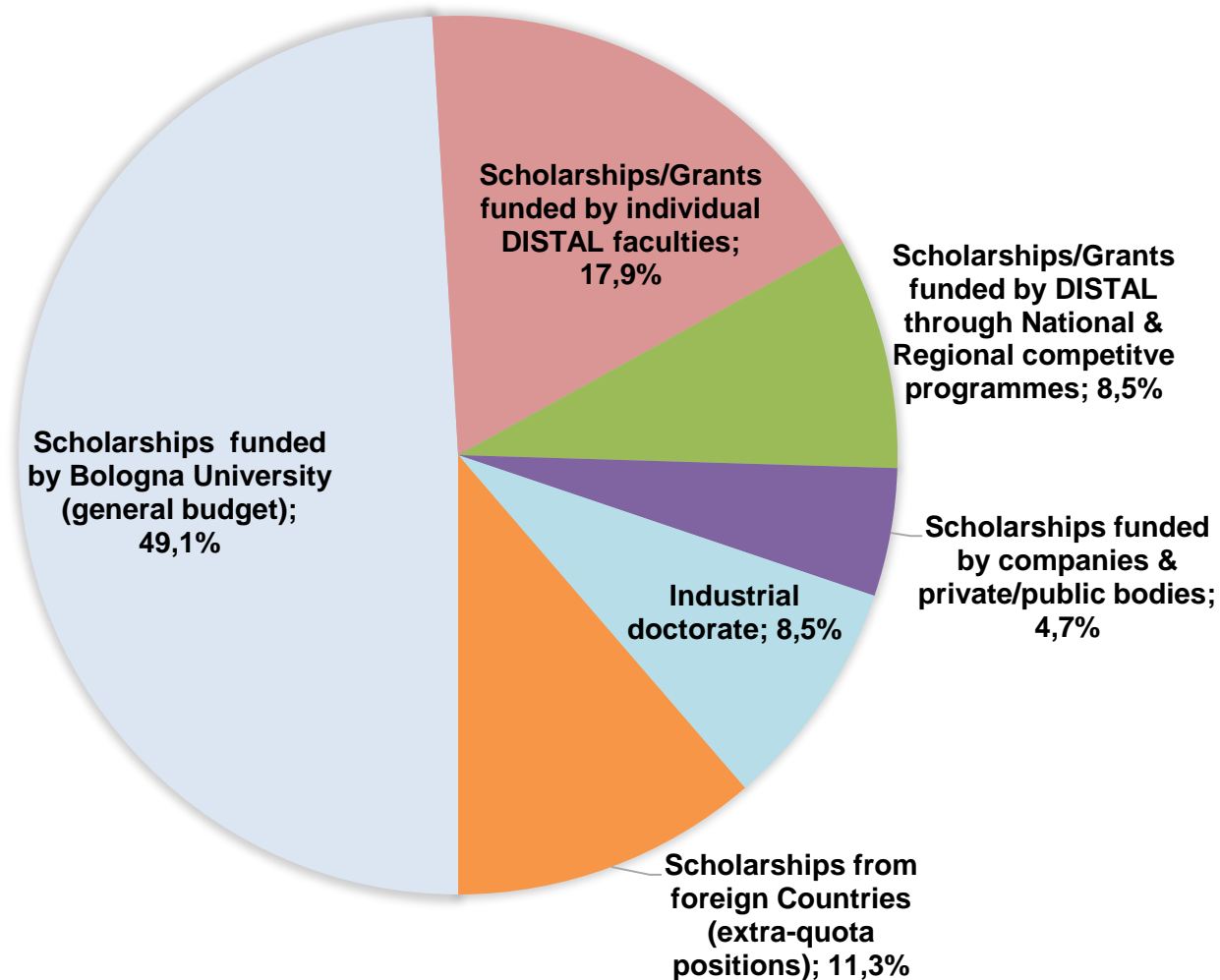
STAAA – Research Topics

1. **Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry** (Dinelli, Ciavatta, Gianquinto, Monti, Salvi)
2. **International Cooperation and Sustainable Development Policies** (Vittuari^d)
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, Parpinello, Petracci^a, Vannini^c)
8. **Animal Science** (Bosi, Dall'Olio, Trevisi)
9. **Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape**
(Dondini, Magnani)
10. **Water-Food-Energy-Sustainable Agriculture Nexus** (Toscano)

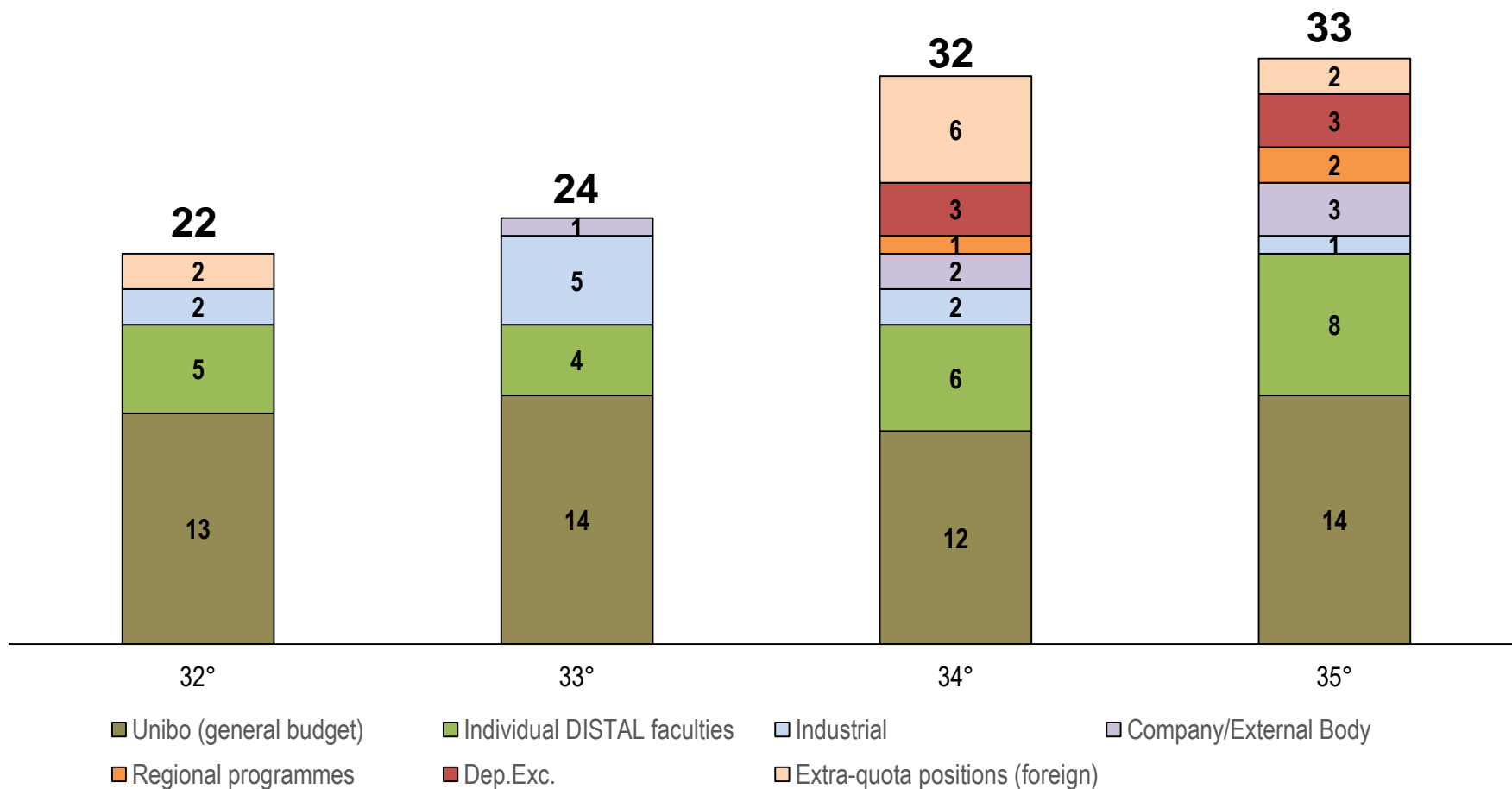


^aCoordinator; ^bVice-coordinator; ^cDocument preparation contact person; ^dTeaching activity contact person

STAAA – Sources of Funding (Last 4 Cycles)

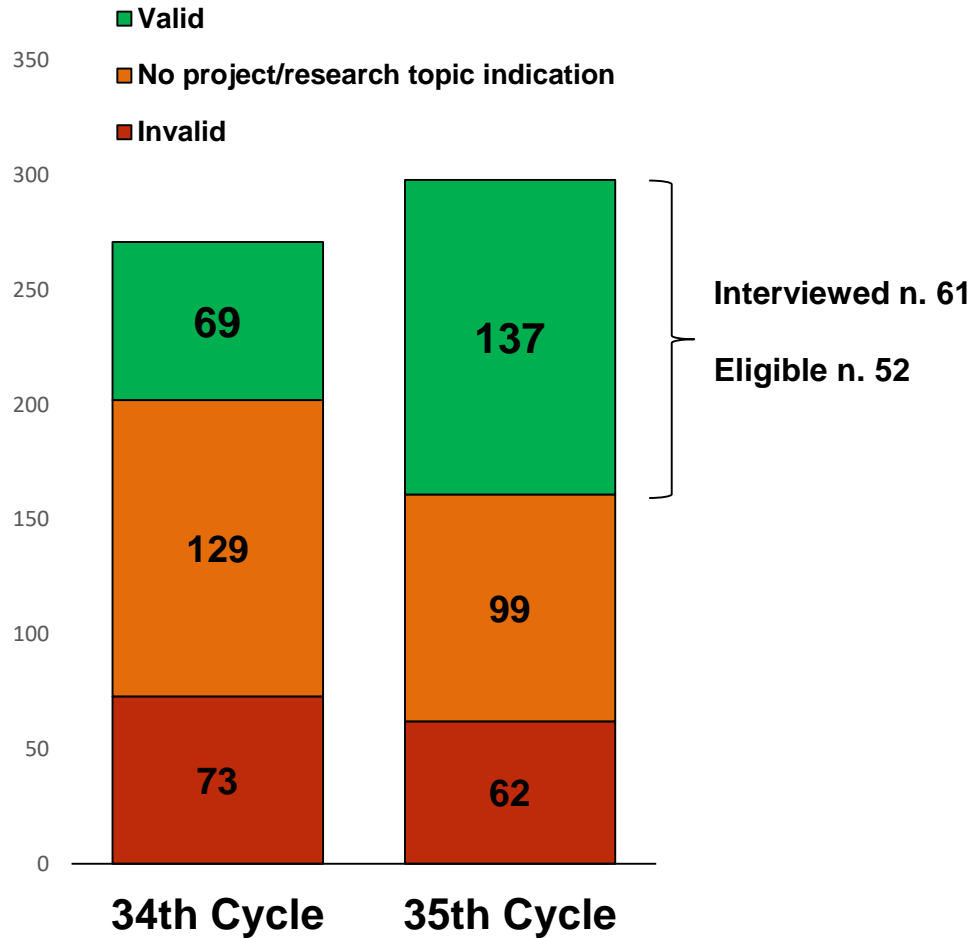


STAAA – Sources of Funding (Last 4 Cycles)

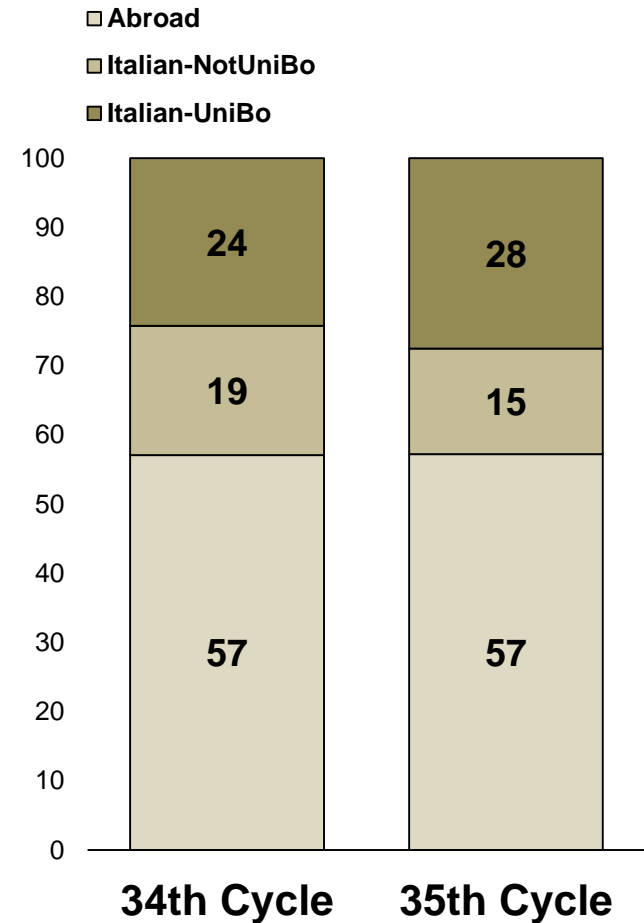


STAAA – Applications for the Last 2 Cycles (34th & 35th)

Total applications



Master degree of the candidates



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STAAA – PhD Students Enrolled in the 35th Cycle



PHD PROGRAMME
AGRICULTURAL, ENVIRONMENTAL AND FOOD SCIENCE AND
TECHNOLOGY

PhD students	PhD position	Research topic	Title	Supervisor	SSD (SC)
Barbara Alberghini	Scholarship funded by UNIBO general budget (5x1000 campaign 2016)	(1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Evaluation of the effects of growth conditions on tocopherol content in <i>Camelina sativa</i> cultivars grown in Mediterranean climate	Andrea Monti	AGR/02 (07/B1)
Elisa Appolloni	Scholarship funded by UNIBO general budget	(1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Inter-lighting effect on truss tomato	Francesco Orsini (Giorgio Gianquinto Prosdocimi)	AGR/04 (07/B1)
Lianet Avello Fernández	Scholarship funded by UNIBO general budget	(6) Agricultural Engineering	On the tractive performance of agricultural tractors	Mirko Maraldi (Attilio Toscano)	AGR/09 (07/C1)
Federica Barbieri	Scholarship funded under the "Departments of Excellence" initiative	(10) Water-Food-Energy-Sustainable Agriculture Nexus	Sustainable approaches for improving quality and safety of fresh or fermented products: use of bioactive compounds and bioprotective cultures	Fausto Gardini (Lucia Vannini, Giulia Tabanelli)	AGR/16 (07/I1)
Lorenzo Bergonzoni	Scholarship funded by UNIBO general budget	(9) Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape	Identification of genetic bases in 'red flesh' pear fruit	Stefano Tartarini (Luca Dondini, Gianluca Baruzzi)	AGR/03 (07/B2)

PhD students	PhD position	Research topic	Title	Supervisor	SSD (SC)
Alessandro Bonora	Scholarship funded by funded by individual DISTAL faculties	(9) Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape	Pre-harvest factors affecting quality on 'abate fétel' pear and 'hayward' kiwifruit: study of superficial scald and calcium deficiency management	Luca Corelli Grappadelli (Luca Dondini)	AGR/03 (07/B2)
Matteo Bozzoli	Scholarship funded by funded by individual DISTAL faculties	(1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Genomic analysis for the identification of molecular basis responsible for favorable agronomic traits in durum wheat	Marco Maccaferri (Silvio Salvi, Roberto Tuberosa)	AGR/07 (07/E1)
Matteo Brecchia	Scholarship funded by UNIBO general budget	(1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Calcium chloride washing of calcareous sediments from fresh water canal: Effect on heavy metal removal and water aggregate stability	Ilaria Braschi (Attilio Toscano)	AGR/13 (07/E1)
Giorgio Brugaletta	Scholarship funded by private company (Simbiohl S.r.l.)	(8) Animal Science	Innovative strategies to promote animal health and sustainability in the poultry supply chain	Federico Sirri (Massimiliano Petracchi, Luca Vandi)	AGR/20 (07/G1)
Matteo Campana	Scholarship funded by funded by individual DISTAL faculties	(1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Genomic tools and methodologies for hybrid development and genomic assisted selection in durum wheat	Roberto Tuberosa (Silvio Salvi, Marco Maccaferri)	AGR/07 (07/E1)

PhD students	PhD position	Research topic	Title	Supervisor	SSD (SC)
Flavia Casciano	Scholarship funded by UNIBO general budget	(7) Food Science and Biotechnology	Prebiotic potential of foods for specific categories of consumers	Andrea Gianotti (Lucia Vannini)	AGR/16 (07/I1)
Francesco Cirone	Scholarship funded by funded by individual DISTAL faculties	(2) International Cooperation and Sustainable Development Policies	Assessment of the Environmental, Economic and Social Sustainability of the Agri-Food chain by integrating the LCA Analysis with the Spatial Analysis.	Matteo Vittuari	AGR/01 (07/A1)
Cecilia Crippa	Scholarship funded by UNIBO general budget	(7) Food Science and Biotechnology	Genomic characterization of resistome and virulome of bacterial food-borne pathogens collected from artisanal foods	Gerardo Manfreda (Massimilian o Petracchi, Frederique Pasquali)	VET/04 (07/H2)
Margherita D'Alessandro	Research grant funded by individual DISTAL faculties	(7) Food Science and Biotechnology	Biotechnological and molecular approaches for the study of GRAS microorganisms to be used in the production of functional dairy foods	Francesca Patrignani (Lucia Vannini, Rosalba Lanciotti)	AGR/16 (07/I1)
Margherita Del Prete	Scholarship funded by UNIBO general budget (co-founding Departments of Excellence" initiative)	(10) Water-Food-Energy- Sustainable Agriculture Nexus	Sustainability driven food supply chain: the case of cocoa, coffee and tea	Antonella Samoggia (Maurizio Canavari)	AGR/01 (07/A1)

PhD students	PhD position	Research topic	Title	Supervisor	SSD (SC)
Daniel Endale Gebremichael	Scholarship funded by UNIBO general budget	(3) Microbial Ecology and Plant Pathology	Fawrky1 and FaNPR3I strawberry defence genes	Elena Baraldi	AGR/13 (07/D1)
Enrico Felice	Scholarship funded by UNIBO general budget	(9) Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape	Root system management in urban environment. Controlled root pruning techniques and prosthetic interventions chances: long-term assessment of the effects occurring in mechanical stability and physiological wellness of treated trees	Alberto Minelli (Federico Magnani)	AGR/04 (07/B1)
Giacomo Gatti	Industrial doctorate (Centro di Sperimentazione Agraria e Forestale Laimburg)	(9) Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape	A histological approach to model the growth of sweet cherry fruit (Prunus avium) from floral induction to harvest with special regard to the factors influencing crop load and quality	Luca Corelli Grappadelli (Luca Dondini, Walter Guerra)	AGR/03 (07/B2)
Cátia Martins	Scholarship funded by UNIBO general budget (co-founding Departments of Excellence" initiative)	(10) Water-Food-Energy-Sustainable Agriculture Nexus	Pear agroecosystem: Impacts of pesticide use, landscape management and climate change on bees and pollination	Fabio Sgolastra (Giovanni Burgio)	AGR/11 (07/D1)
Enrico Michielan	Scholarship funded by UNIBO general budget + individual DISTAL faculties	(6) Agricultural Engineering	Development of a system for the agriculture's digitization	Michele Mattetti (Maurizio Canavari)	AGR/09 (07/C1)

PhD students	PhD position	Research topic	Title	Supervisor	SSD (SC)
Zeeshan Mustafa	Scholarship funded under the "Departments of Excellence" initiative	(10) Water-Food-Energy-Sustainable Agriculture Nexus	Climate variability and food price volatility inter-relation on household income and food security in diverse agro-ecologies	Maurizio Canavari (Giuliano Vitali)	AGR/01 (07/A1)
Meriam Nefzaoui	Extra-quota position CIMMYT-Septoria Phenotyping Platform (Tunisia)	(1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Exploring Mediterranean durum wheat genetic diversity for breeding	Elisabetta Frascaroli (Silvio Salvi, Marco Maccaferri)	AGR/07 (07/E1)
Jad B Novi	Scholarship funded by individual DISTAL faculties	(1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Identification of resistance factors to the main wheat diseases in the Mediterranean area	Marco Maccaferri (Silvio Salvi, Elisabetta Frascaroli)	AGR/07 (07/E1)
Francesco Palumbo	Scholarship provided by Agroscope (Switzerland)	(8) Animal Science	Effect of dietary fiber supplementation on the colostrum, milk and sow microbiota to improve piglet's development and health	Paolo Trevisi (Marion Girard)	AGR/19 (07/G1)
Federico Puliga	Research grant funded under Emilia-Romagna programme	(10) Water-Food-Energy-Sustainable Agriculture Nexus	Integration of by-products and wastes from agro-food chains in the "water-energy-food" nexus (RECOW-ER)	Alessandra Zambonelli (Massimiliano Petracchi)	BIO/01 (05/A1)



PhD students	PhD position	Research topic	Title	Supervisor	SSD (SC)
Qian Zhuang	Extra-quota position under China Scholarship Council (CSC) programme	(2) International Cooperation and Sustainable Development Policies	Determination of food waste in school canteens	Matteo Vittuari	AGR/01 (07/A1)
Salvatore Rapisarda	Scholarship funded by individual DISTAL faculties	(1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Emerging contaminants in fertilizers obtained from organic wastes: impacts on soil fertility and environmental safety	Luciano Cavani (Claudio Ciavatta)	AGR/13 (07/E1)
Serena Rosignoli	Research grant funded by individual DISTAL faculties	(1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Characterization and cloning of steep and deep root mutants in barley: towards an improved root system architecture to support yield under drought stress	Silvio Salvi	AGR/07 (07/E1)
Samantha Rossi	Scholarship funded under the "Departments of Excellence" initiative	(10) Water-Food-Energy-Sustainable Agriculture Nexus	Biotechnological approaches to valorise food industry waste and by-products and alternative protein sources into added value products	Rosalba Lanciotti (Lucia Vannini, Francesca Patrignani)	AGR/16 (07/I1)
Olmo Scagliarini	Scholarship funded by private company (CAA «Giorgio Nicoli»)	(5) Agricultural Entomology	Management of harmful insects using agroecological methods	Roberto Ferrari (Giovanni Burgio)	AGR/11 (07/D1)



PhD students	PhD position	Research topic	Title	Supervisor	SSD (SC)
Armin Shahpari	Research grant funded under Emilia-Romagna programme	(1) Agronomy, Herbaceous Crops, Flowers and Vegetables Systems, Agricultural Genetics and Agricultural Chemistry	Impact of wheat genetic diversity and rhizosphere microbiota on yield and environmental sustainability	Silvio Salvi (Diana Di Gioia, Claudio Ratti)	AGR/07 (07/E1)
Jacopo Vegni	Scholarship funded by UNIBO general budget	(8) Animal Science	Genomic analysis carried out to detect association between DNA markers and phenotypes on pigs	Paolo Zambonelli (Stefania Dall'Olio)	AGR/17 (07/G1)
Melissa Venturi	Scholarship funded by UNIBO general budget (co-founding Departments of Excellence" initiative)	(10) Water-Food-Energy-Sustainable Agriculture Nexus	Adapting fruit production to climate change: how to optimize irrigation management to save water and increase intrinsic fruit quality?	Brunella Morandi (Luca Dondini)	AGR/03 (07/B2)



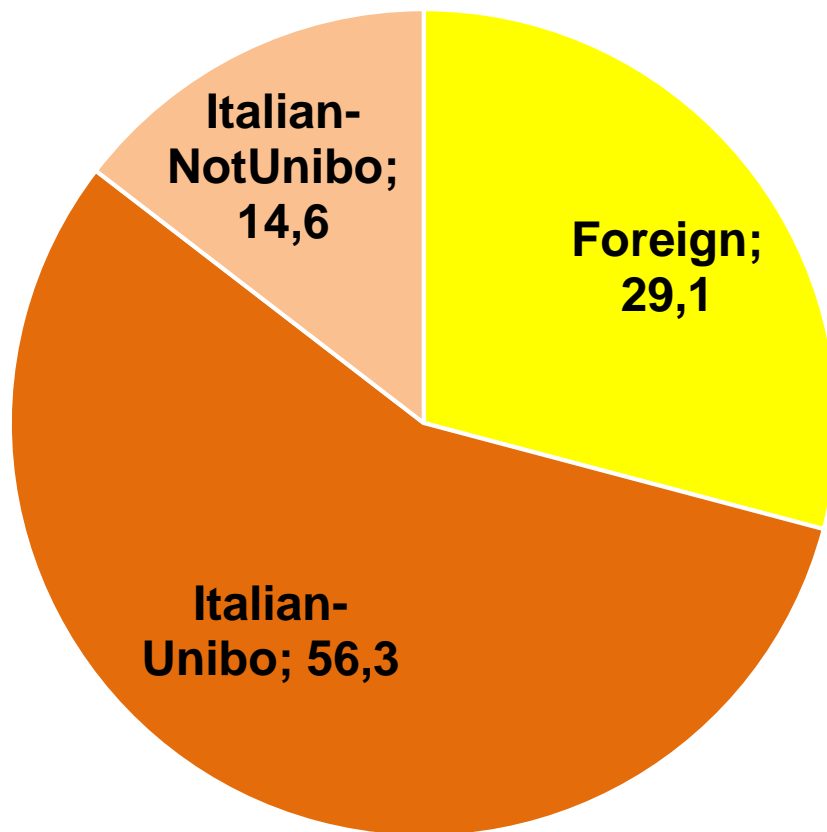
STAAA – Current PhD Students

Research topic	XXXV cycle	XXXIV cycle	XXXIII cycle	XXXII cycle	TOT.
1) Agronomy, Agricultural Genetic and Chemistry, Agro-Environmental Systems	10	5	4	7	26
2) International Cooperation and Sustainable Development Policies	2	1	3	1	7
3) Microbial Ecology and Plant Pathology	1	3	3	5	11
4) Agricultural and Food Economics and Policy		2	2	2	6
5) Agricultural Entomology	1		1		2
6) Agricultural Engineering	2	1	1	1	5
7) Food Science and Biotechnology	3	7	3	4	17
8) Animal Science	3	1	3	1	8
9) Tree Production Systems, Fruit, Forest and Ornamental Trees and Grape	4	1	1	1	7
10) Water-Food-Energy-Sustainable Agriculture Nexus	7	6			13
TOTAL	33	27	21	22	103



STAAA – Current PhD Students

COUNTRY OF ORIGIN



 :  **48:52**



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

PHD PROGRAMME

AGRICULTURAL, ENVIRONMENTAL AND FOOD SCIENCE AND
TECHNOLOGY

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STAAA – Courses for A.Y. 2019/20

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



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

PHD PROGRAMME AGRICULTURAL, ENVIRONMENTAL AND FOOD SCIENCE AND TECHNOLOGY

MENU ☰

[Home](#) / [CAREER](#) / [COURSES](#)



COURSES

The most recent version of the 2018-2019 Academic Year Schedule can be found here (this version was updated/posted on October, 30th, 2019).

The full programme for A.Y. 2019/20 will be presented during the Kick-off meeting scheduled on next Nov. 29th at 3.00 p.m. (Aula Magna, Viale Fanin 44-46, Bologna)



TEACHING MATERIALS

[Go to the "Insegnamenti OnLine" platform for download teaching materials](#)

HIGHLIGHTS

[ISA EVENTS & SEMINAR](#)

[DISTAL events](#)

[CALENDAR](#)

ONLINE RESOURCES FOR STATISTICS

[ClassCentral](#)
(keywords "R" o "Python")

[DataCamp](#)



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

PHD PROGRAMME
AGRICULTURAL, ENVIRONMENTAL AND FOOD SCIENCE AND
TECHNOLOGY

Courses

- **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 December to April

- **Area compulsory courses:** 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 April to June

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

When: along the year



Courses

- **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: matteo.vittuari@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



Courses - Academic writing

- The course of Academic Writing is an advanced course aimed to provide specific writing skills so it requires **B1++** as minimum level of proficiency. It is not a usual language course and it is not aim to develop basic speaking and writing skills.
- The check their level of proficiency PhD candidates are expected to attend a mandatory test organized by the CLA (Centro Linguistico di Ateneo). The dates will be communicated in December or at the beginning of January (it depends on the CLA).
- Those who are not reaching a minimum level of **B1++** are recommended to improve their English language skills to attend the Academic Writing course during the second year.



Courses

Title	Hours	Venue	Lecturer	Dates 2019-2020
Bibliographic services to support research	4	Aula 11, Viale Fanin 48, Bologna	F. Rossi	December 4 9.30-13.30
Take your laptop with you!				
Philosophy of science and research methodology	10	TBD, Fanin, Nord wing, Bologna	M. Bittelli	December 6 and 9, 10.00-13.30; December 12 10.00- 13.00
Research evaluation	3	Room TBD, Via Fanin, Bologna	D. Viaggi	December 18, 13.30- 16.30



Courses

How to write and present a paper in

Title	Hours	Venue	Lecturer	Dates 2019-2020
Setting up a research protocol	4			
Writing a scientific paper in biological and physicochemical sciences	4	Aula TBD, Viale Fanin, Bologna	L. Corelli Grappadelli	January 13 9.00-13.00 and 14.00- 18.00
How to present a paper in a scientific conference in in biological and physicochemical sciences	5			January 15 13.00-18.00

N.B. PhD candidates from the CVs in Economics and Cooperation should NOT take this course.



Courses

How to write and present a paper in

Title	Hours	Venue	Lecturer	Dates 2019-2020
How to present a paper in a scientific conference in social and economic sciences	5	Meeting room DipSA , 3rd floor, East wing, via Fanin 50, Bologna	D. Viaggi	January 9 9.00-13.00 and 14.00-17.00
Writing a scientific paper in social and economic sciences	8			January 10 9.00-14.00

N.B. These courses are only for PhD candidates from the areas in Economics and Cooperation.



Courses – Project

Courses Research financing, project design and intellectual property rights & enterprise creation

Title	Hours	Venue	Lecturer	Dates 2019-2020
Research financing and project design in agricultural sciences (Progettazione e finanziamento della ricerca in agricoltura) (20h)	17	TBD, Via Fanin, Bologna	D. Viaggi	January 16, 17, 23, 24, 27 from 9.00 to 13.00
Intellectual property rights, enterprise creation, and business plan (Proprietà intellettuale, creazione di impresa e business plan) (20h)	20	TBD, Via Fanin, Bologna	D. Viaggi,	TBD



Courses – Statistics

Title	Hours	Venue	Lecturer	Dates 2019-2020
Introduction to statistical tools	15	Computer Lab, Campus of food science, Cesena	A. Berardinelli, A. Fabbri	February xxx
Statistical methods in agriculture and data analysis N.B. PhD candidates from the CVs in Economics and Cooperation should NOT take this course.	10	Computer Lab, Campus of food science, Cesena	A. Berardinelli, A. Fabbri	February xxx
Introduction to statistical tools in social and economic sciences applied to agriculture, food and environment N.B. This course is only for PhD candidates from the CVs in Economics and Cooperation.	10	Meeting room DipSA, 3rd floor, East wing, Fanin 50, Bologna	M. Canavari	February xxx
Advanced Statistics	10	TBD	M. Canavari, A. Fabbri	February xxx



Courses – Academic Writing

Title	Hours	Venue	Lecturer	Dates 2019-2020
Visiting (Dipartimenti Eccellenti)	9	TDB		

Academic writing (TEST)



- **N.B. The test is mandatory for all the PhD students**
February (days TBD)

Entrance test (Bologna, Lab C Via Filippo Re 10)

Academic writing (Corso di scrittura scientifica in inglese)

24

Selected students based on entrance test.

All the seminar will start at 10.00 (10.00 - 13.00) and will be held in

Aula TBD.

March xxx

April xxxx

May xxxx

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.

Outline

- 1. UNIBO and DISTAL overview**
- 2. General info on STAAA PhD programme**
- 3. Presentation of first-year PhD students**
- 4. Teaching activities for A.Y. 2019/20**
- 5. STAAA PhD programme framework**



STAAA – Roadmap (35° Cycle)

1st Year (Nov 2019 – Oct 2020)

- Aug/Sep 2020: Evaluation form of the activities of the 1st year
- Mid Sep/Oct 2020: Admission to the 2nd Year

2nd Year (Nov 2020 – Oct 2021)

- Aug/Sep 2021: Evaluation form of the activities of the 2nd year
- Mid Sep/Oct 2021: Admission to the 3rd Year

3rd Year (Nov 2021 – Oct 2022)

- Aug 2022: Evaluation form of the activities of the 3rd year
- Mid Sep 2022: Admission to thesis reviewing phase (*reviewers and final exam board members and date must be appointed*)
- Oct 2022: Electronic submission of thesis for external revision (2 reviewers)

Thesis revision (Nov 2022 – Jan 2023)

- Mid Dec 2022: Deadline for thesis review
- Jan 2023: Decision of admission to final exam based on thesis evaluation

Submission of final version of the thesis and Final exam (Feb – Apr 2023)

- Mid Feb 2023: Electronic submission of final version of the thesis
- Mid Mar – Mid Apr 2023: Final exam

Doctoral Degree Conferment Ceremony (Jun 2023)

STAAA – Suspension/Extension

Temporary suspension may be requested only for the following main circumstances (see [art. 20 Regulation](#)):

- maternity /paternity (in the case of pregnancy, PhD attendance must be interrupted for a mandatory period of 5 months);
- serious and certified illness (lasting > 6 months) of PhD students or family members, duly attested by medical certificates;

If thesis is negatively evaluated by reviewers, final exam is postponed of 6 months:

Thesis revision (Jun 2023 – Aug 2023)

- Jun 2023: Electronic re-submission of thesis for external revision (2 reviewers)
- Jul 2023: Deadline for thesis review
- Aug 2023: Decision of admission to final exam based on thesis evaluation

Submission of final version of the thesis and Final exam (Sep – Oct 2023)

- Sep 2023: Electronic submission of final version of the thesis
- Mid Oct – Mid Nov 2023: Final exam

STAAA – Requirements to Be Admitted to Thesis Review

You need to satisfy three requirements:

- Attending at least 80% of the compulsory courses
- Period abroad of a minimum duration of 3 months (with exception of foreign and industrial PhD students)
- Publish at least 1 article on a journal with IF (preferably as first author)



STAAA – Trainee Period Abroad

MOBILITY PROGRAMMES

- 30% grant increase (only for PhD students with scholarship)
- Marco Polo Programme (by DISTAL – not compatible with 30% grant increase)
- Other mobility programme (Erasmus+, bilateral exchange programmes, etc.)

Your period abroad must be authorized by the PhD 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 2nd year, PhD students¹ have a right to an annual amount of € **1,534.33** dedicated to supporting their national and international research activities (see article 10.4 of the Regulation).

At the beginning of the 2rd 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 second year of study (total € **3,086.66**).

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

Within DISTAL department, this budget must be directly provided by each own supervisor.

¹ PhD students receiving their funding from foreign countries are not entitled to the 10% budget; and for industrial Ph.D. students (employees of firms and bodies), 10% budget must be directly provided by the each own company/body.

STAAA – Compatible Activities

Some activities are not compatible with PhD programme enrollment/PhD scholarship (see [art. 17 Regulation](#)):

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



STAAA – How to Find Information Online

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



PHD PROGRAMME

AGRICULTURAL, ENVIRONMENTAL AND FOOD SCIENCE AND TECHNOLOGY

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[REGULATION](#)

[FINAL EXAM & THESIS](#)

[UNEMPLOYMENT BENEFIT](#)

["MULTICAMPUS SOSTENIBILE" PROJECT](#)

STAAA – How to Find Information Online

<https://www.unibo.it/en/teaching/phd/phd-programmes>



ALMA MATER STUDIORUM
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PhD programmes

The University of Bologna PhD programmes



[- List of PhD programmes](#)

INFORMATION FOR PHD CANDIDATES



- [- Information for PhD candidates](#)
- [- AlmaLaurea: the survey on PhD programmes assessment](#)
- [- Certificates for PhD candidates](#)

SEE ALSO
[AMS PhD thesis](#)

ATTACHMENTS

[PhD Programmes brochure](#)
[.pdf 525 KB]

CONTACTS

AFORM - SETTORE DOTTORATO DI RICERCA

Via Zamboni 33, 40126 Bologna

udottricerca@unibo.it

TELEPHONE
+39.051.2094620

FAX
+39.051.2086195

TIMES
Wednesday: 9.00 am - 11.15 am
Thursday: 2.30 pm - 3.30 pm
Monday, Tuesday and Friday: closed



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STAAA – How to Find Information Online

<https://www.unibo.it/en/teaching/phd/information-for-phd-students/information-for-phd-students>

Information for PhD candidates

Career, opportunities and services for UNIBO PhD students

Consult the Intranet for information concerning your career, the opportunities and services available for PhD students enrolled at the University of Bologna: PhD grants, tuition fees, exemption, agreements, Co-tutorship "cotutelle" agreement, mobility, requirements for staying abroad, absences, thesis, final exam, etc.

➔ [Access the Intranet section for PhD students](#) (using name.surname@unibo.it account).

Co-tutorship "cotutelle" agreement for PhD candidates enrolled at a foreign University

An opportunity for PhD candidates enrolled at foreign universities. A co-tutorship is a bilateral agreement signed by two universities located in two different countries on behalf of a PhD candidate.

[Consult the information](#)

SEE ALSO

[Charter of PhD Services](#)

[Information on enrolling in a PhD programme](#)

[Certificates](#)

<https://intranet.unibo.it/Ricerca/Pagine/Dottorandi.aspx>

UNIBO INTRANET



Sei in: Ricerca e terza missione > Dottorati > Carriera, opportunità e servizi per i dottorandi

Carriera, opportunità e servizi per i dottorandi

Le modalità di funzionamento dei corsi di dottorato dell'Università di Bologna sono disciplinate dal 'Regolamento in materia di corsi di dottorato'.

- ▶ Credenziali istituzionali, matricola, badge, libretto, 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)
- ▶ Corsi di formazione per i dottorandi per l'acquisizione e lo sviluppo di competenze trasversali
- ▶ Copertura assicurativa, infortuni e formazione su sicurezza e salute sul lavoro
- ▶ Sospensione (maternità, infermità, TFA, ecc.) e rinuncia del dottorato
- ▶ Esame finale e tesi di dottorato
- ▶ Autocertificazioni, certificati e pergamena
- ▶ Indagini annuali sui dottorati di ricerca

Vedi anche

- Premi e borse per la ricerca da enti e imprese
- Organi di dottorato

Link utili

- Servizi, assistenza e agevolazioni per gli studenti (assistenza sanitaria, assicurazione, alloggi, mense, ecc.)
- ADI - Associazione Dottorandi e Dottori di Ricerca Italiani
- Regolamenti d'Ateneo in materia di dottorato
- Carta dei servizi per il dottorato di ricerca



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

STAAA – General Ph.D. Programme Regulation



ALMA MATER STUDIORUM
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PHD PROGRAMME
AGRICULTURAL, ENVIRONMENTAL AND FOOD SCIENCE AND
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REGULATORY FRAMEWORK

Ph.D. PROGRAMME REGULATION AT UNIVERSITY OF BOLOGNA

The current version of the Regulation has been issued by Rector's Decree No. 1468/2016 of the 05/12/2016 and has been published in the University of Bologna Bulletin n. 241 of the 15/12/2016.

DOWNLOAD THE PH.D. PROGRAMME REGULATION HERE:

[PHD PROGRAMME REGULATION \(ENGLISH VERSION\)](#)

[REGOLAMENTO DOTTORATO \(ITALIAN VERSION\)](#)



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

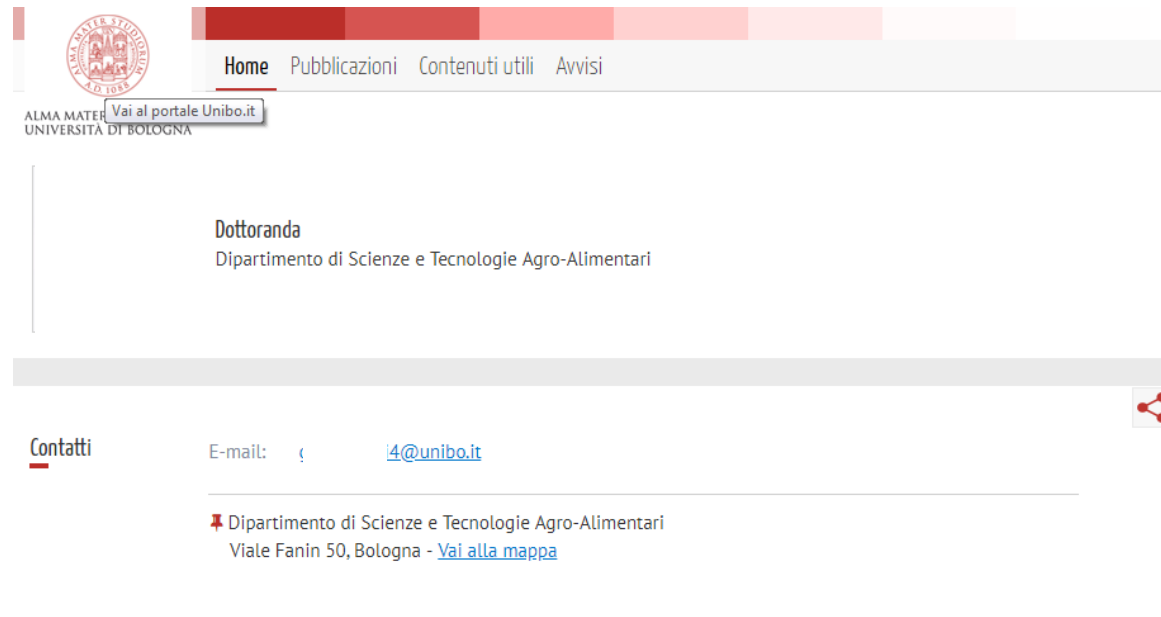


ALMA MATER STUDIORUM
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PHD PROGRAMME
AGRICULTURAL, ENVIRONMENTAL AND FOOD SCIENCE AND
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STAAA – Personal Web Page

It is strongly recommended to include your CV and professional picture



The screenshot shows a personal web page for a Dottoranda (PhD student) at the University of Bologna. The page features a navigation bar with links for Home, Pubblicazioni, Contenuti utili, and Avvisi. A button labeled 'Vai al portale Unibo.it' is visible. The main content area displays 'Dottoranda' and 'Dipartimento di Scienze e Tecnologie Agro-Alimentari'. A 'Contatti' (Contacts) section provides an email address 'i4@unibo.it' and the department's address: 'Dipartimento di Scienze e Tecnologie Agro-Alimentari, Viale Fanin 50, Bologna - Vai alla mappa'. A share icon is located in the bottom right corner of the page content area.



STAAA – Contact Persons

PhD Board Members

- Coordinator and Vice-Coordinator



Massimiliano Petracci

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Coordinator of PhD Programme of Agricultural, Environmental and Food Science and Technology



Claudio Ratti

Contacts

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Vice-Coordinator of PhD Programme of Agricultural, Environmental and Food Science and Technology

- Teaching activity delegate



Matteo Vittuari

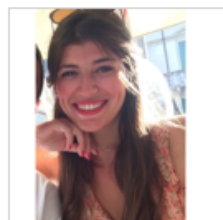
Contacts

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- Your research topic responsible

PhD Students Representatives



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