

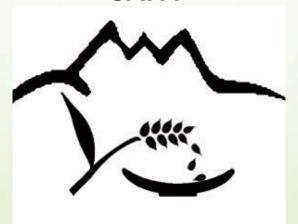
PhD SCHOOL of the University of Torino

PhD program in

AGRICULTURAL, FOREST AND FOOD SCIENCES

SCIENZE AGRARIE, FORESTALI E ALIMENTARI,

SAFA



BASIC INFORMATION

Objectives of any PhD program

Educational course to acquire high-level research competences for a research position in Universities, research institutes, public and private bodies, both in Italy and abroad

Duration

3 years, starting from November 1st

Full time activity but not "lavoratore dipendente"

Casting

PhD student, scientific tutor, tutor, PhD board, coordinator, school director

PhD students have representatives

- Department council (Consiglio di Dipartimento)
- Board of the PhD course (Collegio docenti): Ottaviano Chiriac, Valentina Guarino,

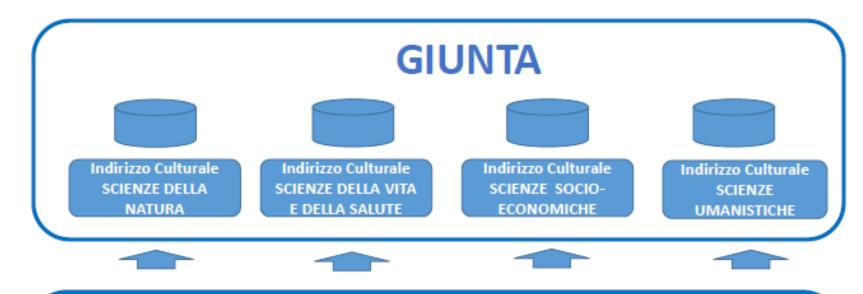
Sarvia Filippo, Donna Matteo

(<u>PhD-representatives</u>).

- School committee (Consiglio della scuola di dottorato)

La Scuola

DIRETTORE/DIRETTRICE



CONSIGLIO

- Il Direttore/La Direttrice
- Coordinatori/Coordinatrici Corsi di Dottorato – Sede Amm. UNITO
- Referenti Corsi di Dottorato in convenzione o consorzio – Sede Amm. non UNITO
- 5 rappresentanti dei dottorandi/delle dottorande, di cui 1 per ciascun indirizzo culturale della Giunta e 1 per indirizzo industriale

NATURAL SCIENCES

Natural Sciences area

Agricultural, Forest and Food Sciences

Biological Sciences and Applied Biotechnologies

Chemical and Material Sciences 2

Computer Science 2

Earth Sciences

Mathematics 2

Modeling and Data Science

Pharmaceutical and Biomolecular Sciences

PhD Technology Driven Sciences: Technologies for Cultural Heritage (Tech4Culture)

Physics 2

Programs in consortium or agreement

Food, Health and Longevity (Administrative seat: Università del Piemonte Orientale)

Pure and applied Mathematics (Administrative seat: Politecnico di Torino)

Sustainable Development and Cooperation (SUSTNET) (Administrative seat: Università di Torino)

Social and Economic Sciences area

- Life and Health Sciences area
- Arts and Humanities area





Website of the doctoral school of Unito



https://www.dottorato.unito.it/

Website of the PhD Course in Agricultural, Forest and Food Sciences



The PhD world at DISAFA

SAFA Course

- 26 PhD students in their third year (cycle37 and 37PON)
- 32 PhD students in their second year (cycle 38 and 38PNRR)
- 22 PhD students in their first year (cycle 39 and 39NODES, 4 of them will start on February 1° 2024)

Enrolled in PhD Courses based at other Unito Departments or at other Universities:

- /10 PhD students in their third year (cycle37)
- 9 PhD students in their second year (cycle 38)
- ? PhD students in their first year (cycle 39)

National PhD in Food Science, Technology and Biotechnology

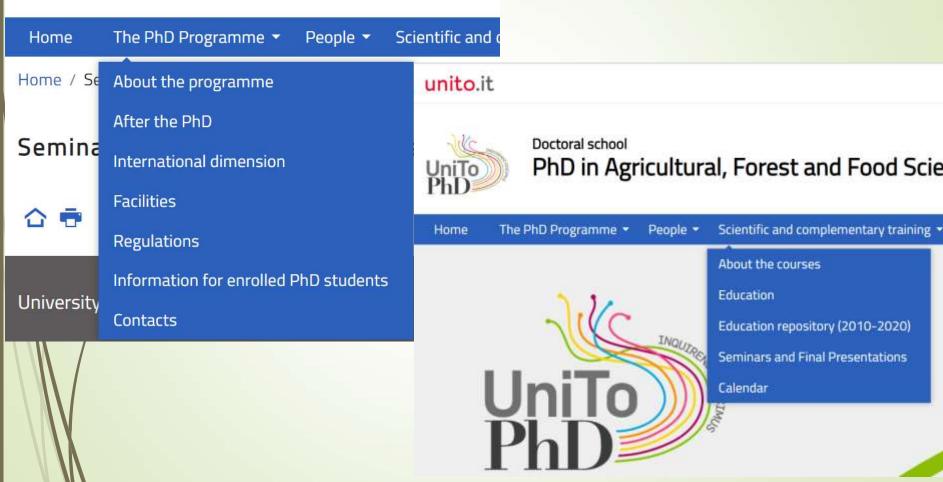
10 PhD students in their first year (cycle 39)

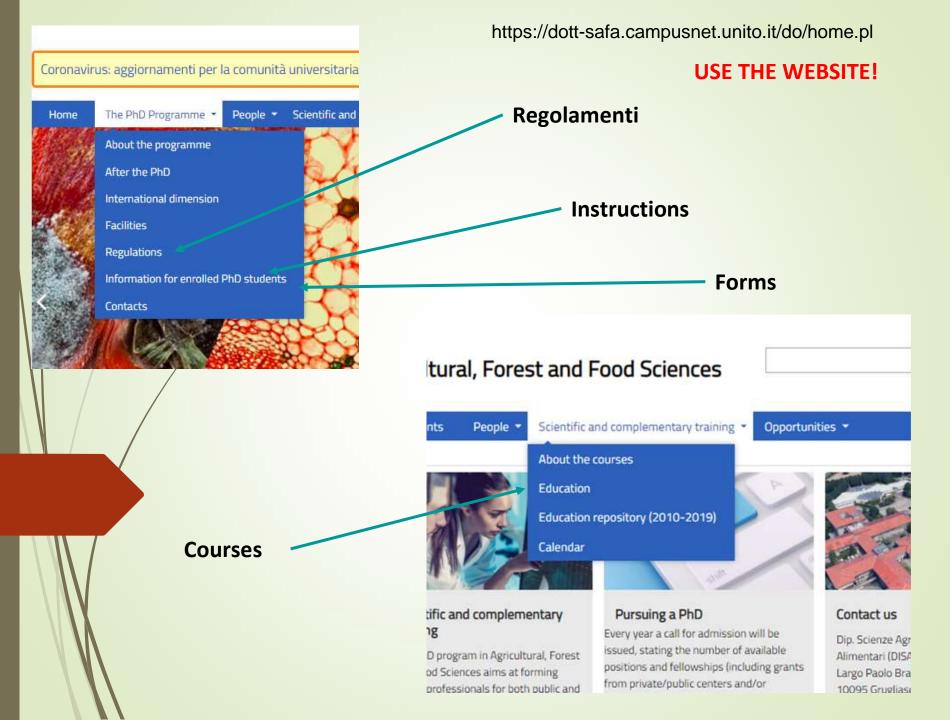
unito.it



Doctoral school

PhD in Agricultural, Forest





WHAT DO WE EXPECT FROM YOU?

You should develop a deep knowledge in a specific topic

- 1. You should be able to interact with your peers on that topic
- 2. You must write papers and transfer the knowledge you have aquired
- 3. You must bring new ideas/methods in your research group

BRIEFLY, WE ARE HAPPY IF, BY THE END OF YOUR PhD, YOU KNOW MORE THAN YOUR TUTOR ON YOUR RESEARCH TOPIC

HOW WILL WE HELP YOU TO REACH THIS OBJECTIVE?

We will «offer» you:

- 1. Statistical training to explore data
- 2. English training to enhance your presentation and writing skills
- 3. Workshops/courses on where to publish your results and other useful tips
- 4. Stages abroad
- 5. Thematic workshops and courses

We encourage you to find conferences, courses etc.. that may help your scientific growth (you have a budget for that).

THE SCIENTIFIC REQUIREMENTS TO BECOME A DOCTOR ARE 180 Research credits (CFR)

You get CFR through both mandatory activities and other activities you choose

MANDATORY ACTIVITIES

Courses

at least 20 CFR

Research stage abroad

at least 3 months (better 6 months, compulsory 6 months for PNRR PhD students), maximum 18 months of which maximum 12 months with economic support (50% grant increase)

Conferences

at least 1 presentation during the 3 years

Oral presentation to an evaluation board

at the end of the 1st and 2nd year

Active Seminar, possibly outside DISAFA

minimum one, during the three-year period

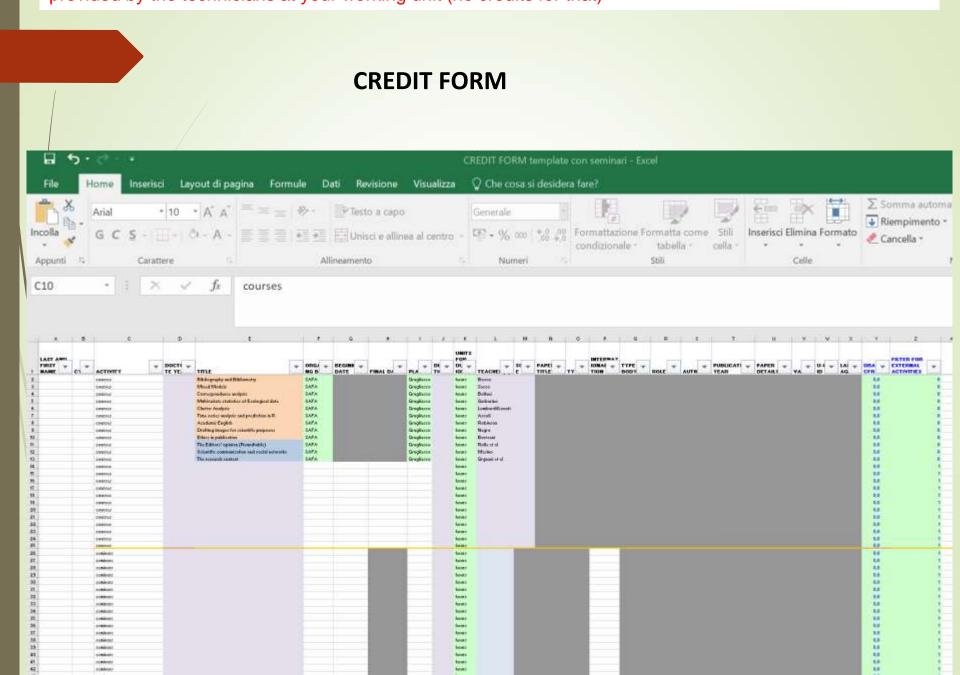
Scientific paper

at least 1 as a first author, accepted on an ISI/Scopus journal

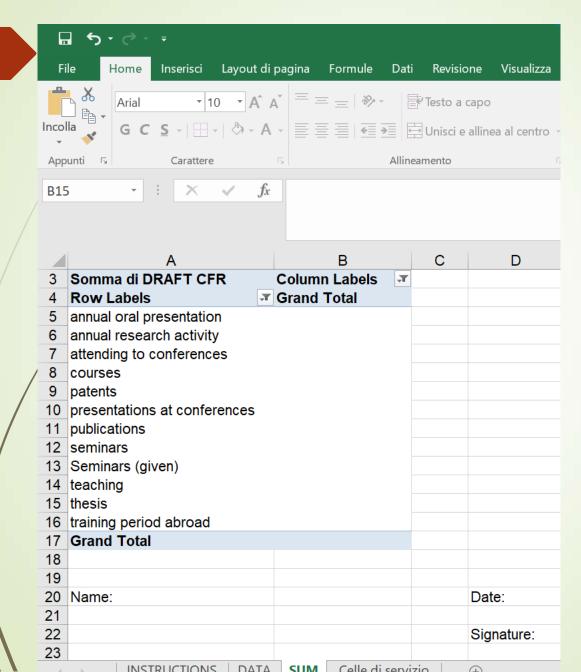
Thesis

in Italian or in English, monography or collection of 3 papers

It's also mandatory that you attend the on-line course on safety at working places and the specific training provided by the technicians at your working unit (no credits for that)



CREDIT FORM



You can submit for creditization a maximum of:

15 courses

5 conference presentations

6 active seminars

5 papers (related to the PhD topic)

Teaching activity (only if officially appointed)

Credit form is not intended for the evaluation of the quality of your PhD career, it is rather a tool for the professor board to check that you are regularly fulfilling the requests of the PhD course and, eventually, propose some contingency plans These last two years, the Annual Presentations took place in a meeting at PraCatinat in the Alps (Sept. 2022) and Castellania in the Colli Tortonesi (Sept. 2023). A similar organization is planned for the next year











Activity	conditions	Credits and notes
Courses, seminars, winter/summer schools (max 15)	>=20 CFR	Mandatory: some SAFA courses & 20 CFR, all courses 6 h/CFR
Attending to conferences, workshops	Recommended	No Credits
Publications (max 5 related to PhD topic)	>=8 CFR	Mandatory: 1 ISI 1° as first author. 4-12 CFR depending on role & journal ranking
Presentations at conferences (max 5)	<= 10 CFR	1-3 CFR depending on role, type of event, type of presentation
Annual presentations	<=3 CFR	Mandatory: 0-3 CFR depending on the evalution (D to A)
Stage abroad (3-6 months, up to 18)	9 <x<39 cfr<="" td=""><td>3 CFR/month during the 3 mandatory months, then 2 CFR/month</td></x<39>	3 CFR/month during the 3 mandatory months, then 2 CFR/month
Seminars (given)	<=6 CFR	0.5-1 CFR/seminar. Max 2 seminars/year. Not counted if at DISAFA
Patents		1-2 CFR depending national/international
Teaching	<= 40 h/y	1 CFR/10 h «assistenza alla didattica» officially appointed
Research activity	= 120	40 CFR/year
Thesis	20-30 CFR	Italian or English

COURSES (≥ 20 CFR)

Education

COURSES

DOING RESEARCH IN AGRICULTURAL FOREST AND FOOD SCIENCES (DRAFFS)

odule	ECTS	Duration	Period of lessons
Academic English 2	5	30 hs	January-February 2023
Advanced Statistics 2	8	48 hs	November-December 2022/January-February 2023
Bibliography and Bibliometrics	3.3	20 hs	November-December 2022
Result dissemination 2	3.2	19 hs	November-December 2022
The research context	0.5	3 hs	November 2022
TOTAL	20	120 hs	

You will be offered also soft skills courses by the school. The PhD program will eventually organize more specific seminars during the second semester You are invited to find additional appropriate courses

All courses are at the Campus, in Grugliasco, check schedule at



Scuola di Agraria e Medicina Veterinaria - SAMEV



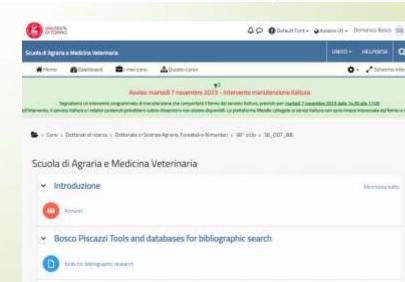
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La Scuola D	ipartimenti	Orientamento	Tutorato	Tirocini curriculari	Job Placement	Internazionalità	Aule e Serviz
Home / Aule e Servizi							
Orario e calendario d didattiche	elle attività	Orario dell	e lezioni				
nduttion c		Orario dei c	orsi di stud	io			
 Calendario didattio 	o DISAFA	Lauree a Cicl	o Unico				
 Calendario didattio 	co DSV	 Medicina vet 	erinaria				
Siti correlati		Lauree • Produzioni e	gestione degli ani	mali in allevamento e selvatici			
> Calendario accaden	nico	Scienze e tec	nologie agrarie				
Contatti		Tecnologie a	limentari				
DISAFA		Viticoltura ed					
responsabile orario Scie	nze e Tecnologie	Lauree Magis					
Agrarie, Tecnologie Alim	5/1	Scienze agra					
Biotecnologie: Mario Ta	A CONTRACTOR	Scienze anim					
responsabile orario Scie Forestali: Raffae <mark>l</mark> la Mar:			enologie alimentar	ni e territori forestali			
per info: orario.samev-a	gr@unito.itsa	Lauree interd					
		Biotecnologie	-5 (1755)				
DSV		Lauree intera	teneo				
responsabile orario Scie			e delle aree verdi	e del paesaggio			
Veterinarie: Chiara Salio Maria, Laura Zavattaro), Kattaelia De		ole ed enologiche				
per info: orario.samev-v	et@unito.its	Altri corsi					
	SECTION SECTION SECTION	Discipline a scelta	3				
		Corsi per Dottora	4				

Next academic year we will offer the course of Climate Change in Crops and Forest. This course is composed of several modules that can be chosen optionally

Course	hours	module	teacher
Climate Change in Crops and Forests	8	Climate and climate change	Cassardo Claudio
Climate Change in Crops and Forests	8	Plant strategies for adaptation to climate constraints	Lovisolo Claudio
Climate Change in Crops and Forests	8	Effects of climate change on crops and weed management	Vidotto Francesco
Climate Change in Crops and Forests	8	Forests in a changing climate	Motta Renzo
Climate Change in Crops and Forests	4	Mitigation Options for Reducing GreenHouse Gases (GHG) Emissions of Agroecosystems	Fogliatto Silvia
Climate Change in Crops and Forests	8	Genomics approaches for crop improvement against adverse climate conditions	Barchi Lorenzo
Climate Change in Crops and Forests	8	Insect response to climatic variables	Ferracini Chiara
Climate Change in Crops and Forests	8	Plant pathogens epidemiology and control under changing climate conditions	Mezzalama Monica
Climate Change in Crops and Forests	8	Soils in a changing climate	Freppaz Michele
Climate Change in Crops and Forests	8	The role of Remotely Sensed Open Data for mapping climate change effects	Borgogno Enrico
Climate Change in Crops and Forests	8	Policy, Society and Economics adaptation to Climate change	Blanc Simone
Climate Change in Crops and Forests	8	Optimization of agro-food chains and transformation processes under climate change	Rantsiou Kalliopi

*maybe some modules can be anticipated to November-December

All didactic material, as well as online tests, are available through the Moodle platform



Safety Course

All PhD students must attend this course (that will be held in Campus end of February-beginning of March) unless they attended this course at Unito (they were enrolled as students at Unito) less then 5 years ago.

Contents of the course.

- First part: Principi generali di sicurezza (Modulo di e-learning) 4 hours on the Moodle platform https://elearning.unito.it/samev/course/view.php?id=3429
 At the end there is a test on-line
- Second part: Rischi specifici (Lezioni in presenza) 8 hours (one single day) Le lezioni si terranno in presenza (Aula Magna A+B Campus SAMEV Grugliasco)

SCIENTIFIC PAPERS

TYPE	Credits
as a first author on a 'Q1' level journal	12
as a first author on a 'Q2' level journal	10
as a first author on a 'Q3-Q4' level journal	8
as first author on non-ISI journals	0
not as a first author on iSI journals	First author *0.5
not as a first author on non-iSI journals	0

Publications on non-ISI journals may give credits for the activity «Research dissemination» but some limits apply (max 6 credits in 3 years)

ADMINISTRATIVE DOCUMENTS

What	when	1° year	2° year	3° year
Tax payment	< October		X	X
Annual research program	31 Jan (1° year	X		
Oral presentation	September	X	X	
Annual report	Ca. mid-Sept	X	X	X
Credit form	Ca. Mid-Sept	X	X	X

PLEASE, READ CAREFULLY THE INSTRUCTION SECTION ON THE WEBSITE!
For administrative deadlines, refer to the UNITO web page and to MYUNITO account

FURTHER SPECIFICATIONS

- > Full time: you have to ask for authorization in case of work elsewhere
- ➤ Admission to the 2nd and 3rd year: oral presentation + tutor's evaluation of the PhD student's activities
- Thesis within 6 months after the end of the 3-years course, evaluated by 2 external reviewers for admission to final examination (3 or more members)
- No extension (6 months in case reviewers require major revisions)

FINANCIAL SUPPORT

	With scholarship
50% increase in scholarship when abroad	Yes
Travel & insurance	Yes
Courses, seminars, conferences	Yes
Consumables (<1500)	Yes

Total amount is 5,250€, (typically 1,750€ per year, only for formative events, consumables, small equipments such as notebook that, at the end of the PhD will be the property of the department)

TUTORSHIP

You will have to choose/be assigned to

- a) Supervisor (Academic)
- b) Co-supervisor/s (Academic or non-Academic)
- Mentor (intended for solving problems that cannot be solved with the Supervisor)

Supervisor/Co-supervisors and Mentor will be officially approved during the next «Collegio dei Docenti» (PhD Professor Board)

The role of the Supervisor is of CAPITAL IMPORTANCE.

She/he will be your unvaluable guide over the whole PhD period.

Please do not take decisions, ask information to PhD office, PhD coordinator, administrative staff, without a priori exchange with your Supervisor (or Co-supervisor)

IN CASE OF NON-SCIENTIFIC PROBLEMS

- In addition to your scientific supervisor, you've been assigned to an expert professor, member of the PhD board, who may help you to solve unpleasant situations. Matches will be done during next board meeting.
- Keep in mind that the University has the «consigliera di fiducia» who gives advices on problems related to unfair behavior. It's avv. Elena Bigotti consiglieradifiducia@unito.it
- The appropriate behavior is described in codice di comportamento (also from the SAFA website)
 https://www.unito.it/sites/default/files/decr_codice_comportamento_646_2016.p
 https://www.unito.it/sites/default/files/decr_codice_comportamento_646_2016.p
- For more general matters on discrimination and else, UNITO has the Comitato Unico di Garanzia (CUG). https://www.unito.it/ateneo/organizzazione/organi-diateneo/comitato-unico-di-garanzia

CONTACT LEVELS

Central University PhD office (Ufficio Dottorati)

for administrative issues, certificates, scholarship, taxes, badge... dottorati@unito.it

SAFA PhD Program

courses, seminars, certificates, thesis, any questions dottorato.safa@unito.it

CONTACTS (SAFA PhD program)

Coordinator of the PhD Program:

Prof. Domenico Bosco phone 8529, domenico.bosco@unito.it

Web manager:

Dr. Silvia Cavalletto
phone 8706, silvia.cavalletto@unito.it

Support to the PhD course (and Quality Insurance):

Dr. Peter John Mazzoglio

phone 8530, peter.mazzoglio@unito.it

all: dottorato.safa@unito.it









Implementation of AQ (Quality Insurance, AVA3) in the PhD Course

Our PhD Course, together with the one of Veterinary Sciences for Animal Health and Food Safety, have been chosen by Unito as a pilot project to implement AQ

For this reason you might be interviewed, you will be asked to fill questionnaires on PhD student satisfaction....

Dr. Peter John Mazzoglio is responsible for this AQ project experimentation/implementation

WEB SERVICES FOR PhD STUDENTS

PhD on the web (in order of relevance for your PhD activity)

level of contact

1. SAFA website http://dott-safa.campusnet.unito.it



Portal UNITO/myUNITO



ww.unito.it http://www.unito.it/ http://www.unito.it/

Services: U-GOV (monthly payslip and CUD), ESCO (travels and refunding), IRIS (research products),

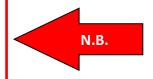
TUTTO (library on line), RUBRICA (addresses and phone numbers), news and events...

http://www.unito.it/servizi/servizi-line/tutti-i-servizi-line http://en.unit://ensunites/services/online-services/all-line-services

➤ Services <u>for University staff</u> → credentials as a worker (<u>SCU</u>) (e.g.: U-GOV for payslip, ESCO for refund)

➤ Services for students → credentials as a student

(e.g.: <u>SAFA website</u>)



Istruzioni e supporto / Help and support

http://www.unito.it/servizi/servizi-line/istruzioni-e-supporto

http://en.unito.it/services/online-services/help-and-support

Login credentials and emails

Credenziali da dottoranda/dottorando per accedere ai servizi della ricerca

Nell'arco del mese successivo al perfezionamento dell'iscrizione, saranno attivate le credenziali da dottorando (SCU), così costituite:

- **Username:** generalmente (a meno di casi di doppio nome, doppio cognome o di omonimia) è formata dalla prima lettera del nome seguita dalle lettere del cognome fino ad un massimo di 8 caratteri (ad esempio: per l'utente Mario Rossettini la username corrisponde a mrossett)
- Password: la password predefinita corrisponde al codice fiscale digitato in maiuscolo

Le credenziali da dottorando **consentono** di accedere:

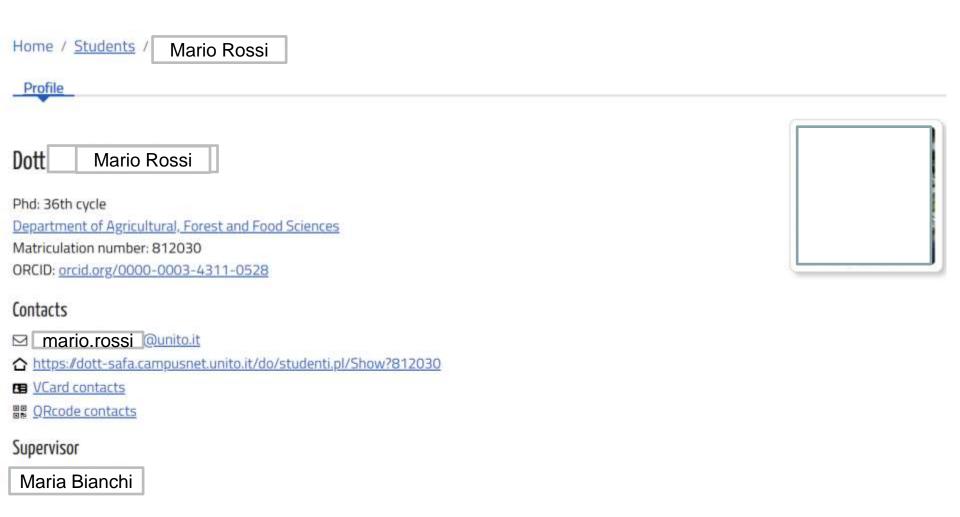
- alla MyUniTo Assegnista e Dottorando e alla Intranet di Ateneo
- alla webmail del personale dell'Ateneo (si veda di seguito)
- alla piattaforma IRIS (catalogo dei prodotti della ricerca) e ad altri servizi on line riservati al personale dell'Ateneo.

Per motivi di sicurezza è obbligatorio il cambio della password ogni 6 mesi.

Check (unfortunately it is only in Italian):

https://www.unito.it/servizi/servizi-line/la-bussola-accedere-ai-servizi-line/la-bussola-dottorande-e-dottorandi

We will ask you for «filling» your personal profile in the SAFA course website



With some details on your scientific interest, your PhD project and your publications

What to do in preparation of the Advanced Statistics course of January-February

Please ask prof. Marco Pittarello at the R course (end of this month)

When you address the PhD Coordinator or dr Mazzoglio for support, please ALWAYS INDICATE, BESIDES YOUR NAME, YOUR CYCLE AND SUPERVISOR. This will greatly help us in answering you!!

How to manage ESCO Procedure for your budget

By Area Contabile













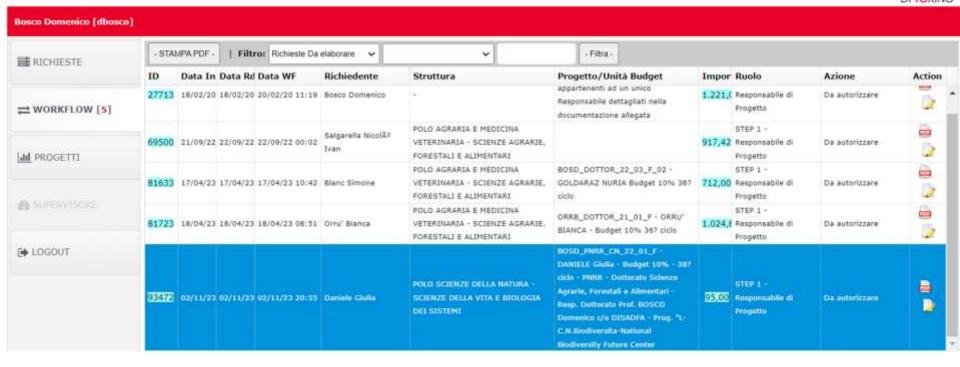


How to manage ESCO Procedure for your budget

By Area Contabile







ADMINISTRATIVE NORMS

- READ THE NORMS ON THE WEBSITE
- ALL EXPENSES NEED TO BE AUTHORIZED IN ADVANCE
- ➤ ALL REIMBURSEMENTS REQUIRE THE **ORIGINAL INVOICES**
- SOME PROCEDURES ARE AVAILABLE THROUGH YOUR MYUNITO PAGE (e.g. scholarship increase when abroad)
- > SOME PROCEDURES (e.g. ESCO for travels) ARE THE SAME FOR ALL DISAFA PEOPLE therefore ASK YOUR SUPERVISOR when using it for the first time

