

PhD Course in Animal and Food Science

PhD Training Program

TO BE APPROVED BY THE COUNCIL OF THE PHD COURSE

PhD student (surname and name):		Cycle:	
Previous academic qualification:			
Supervisor:			
Co-supervisor (if any)			
Research area (please use 2 – 3 keywords)			
Research topic, title and short abstract			

Methodological approaches

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Expected results

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Participation in research projects:

Educational offer

The student, together with her/his supervisor, must select the courses that she/he would like to attend among those listed below, included in the Educational Offer of the Course. The minimal requirement is **at least 13 ECTS**. One compulsory course is already marked within specific **disciplinary training activities**. The PhD student has to select further eight ECTS among the **Cross-curricular training activities and soft skills**, out of which four ECTS must be related to “Statistics”, one ECTS to “Research management, ...” (already marked) and three ECTS to “Scientific communication”.

Additional courses included in the Educational Offer of the PhD Courses of Agripolis, and [here](#) available, could be selected by the students, but do not contribute to satisfy the minimum requirements.

The calendar of the courses (continuously updating) is available [here](#).

DISCIPLINARY TRAINING ACTIVITIES

AD HOC COURSES (AT LEAST 5 ECTS)

International short course on Animal and Food Science (5 ECTS)

Theoretical and Practical Bioinformatics Approaches in Animal and Food Science (4 ECTS)

Teachers: Piergiorgio Stevanato, Samathmika Ravi (DAFNAE)

Food Microbiota & Human microbiome (1 ECTS)

Teachers: Alessio Giacomini, Viviana Corich

Food technology (1 ECTS)

Teachers: Anna Lante

OTHER COURSES

Econometric models to inform environmental resources management and food policies (1 ECTS)

Teachers: M. Thiene, C. Franceschinis (TESAF)

Strategies and tools to reduce environmental impacts: the case of LCA methodology (3.5 ECTS)

Teachers: M. Masiero & M. Zanetti

CROSS-CURRICULAR TRAINING ACTIVITIES AND SOFT SKILLS (AT LEAST 8 ECTS)

LINGUISTIC (4 ETC COMPULSORY)

English language

Teacher: Centro Linguistico di Ateneo (CLA)

Italian language for foreigners

Teacher: Centro Linguistico di Ateneo (CLA)

Scientific Writing in English (4 ECTS)

Teacher: Mark E. Olson

STATISTICS (AT LEAST 4 ECTS)

Basic Statistics (3 ECTS)

Teachers: Marco Borga and Giulia Zuecco

Applied Statistics with Applications in R (2 ECTS)

Teachers: Alessio Cecchinato, Sara Pegolo (DAFNAE)

Advances Statistics with R: Experimental Design in Lab and Field (1.5 ECTS)

Teachers: Roberto Mantovani, Nicola Dal Ferro (DAFNAE)

Advances Statistics with R: Mixed Models (2 ECTS)

Teachers: Cristina Sartori (DAFNAE)

RESEARCH MANAGEMENT, KNOWLEDGE OF RESEARCH SYSTEMS AND FINANCING PROGRAMS

The role of the Principal Investigator (1 ECTS)

Teacher: Giancarlo Renella

Data collection: from questionnaires to participatory approaches (2 ECTS)

Teachers: Elena Pisano, Laura Secco, Riccardo Da Re, Catie Burlando, Rudi Cassini

Research organization and communication - Introduction to Mendeley (0.5 ECTS)

Teacher: A. Leonardi

Spatial statistics in socio-economic research (2 ECTS)

Teachers: F.Pagliacci (TESAF)

Health and Safety at work (NO ECTS)

IPR AND IPR EXPLOITATION

How to prepare and present a scientific paper (1.5 ECTS)

Teachers: S. Segato & D. Pettenella (MAPS, TESAF)

Dissemination of science: contents and tools (1.5 ECTS)

Teacher: Massimo Polidoro

Ethics in scientific research (2 ECTS)

Teacher: Ana Boroveckı

Ethics in writing and reviewing (0.5 ECTS)

Teacher: Marco Borga (TESAF)

OTHER ACTIVITIES

Research integrity: pills of ethics before spritz break (4 events - 1.5 h)

Teachers: M. Giantin & A. Squartini

PhD educational week on transferable skills (organized by UNIPD)

Welcome to research in Animal and Food Science and Crop Science PhD Courses

Teacher: Nicola Bertin

Yearly WORKSHOP of the Italian Network of the PhD Courses in Food Science, Technology and Biotechnology (September 2022)

Legnaro, Agripolis, _____

The PhD student

The Supervisor
