

PhD Course in Animal and Food Science

PhD Training Program

TO BE APPROVED BY THE COUNCIL OF THE PHD COURSE

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|--------------------------------------------|--|--------|--|
| PhD student: | | Cycle: | |
| | | | |
| Previous academic qualification: | | | |
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| Supervisor: | | | |
| | | | |
| Co-supervisor (if any) | | | |
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| Research areas (please use 2 – 3 keywords) | | | |
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| Research topic, title and short abstract | | | |
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| Methodological approaches | | | |
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Expected results

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| Expected results |
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Participation in the following research projects:

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Individual Teaching Program

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| Requirements of the individual training plan |
| <p>For each PhD student the individual training plan is established together with the supervisor. It usually includes the courses, as described below, to be chosen among the activities included in the training offer. ECTS value is equivalent to 25 hours of training which is the sum of 8 hours of lectures and of the remaining hours for personal study.</p> <p>Courses are usually attended during the first year. In case this is not possible, they could be attended in the following years.</p> <p>Upon approval of their supervisors, PhD students can ask to replace some courses with equivalent ones organized by other PhD programmes, even abroad. The replacements must be based on a reasoned justification.</p> |
| <p>For the PhD Course in Animal and Food Science it is mandatory to attend:</p> <ul style="list-style-type: none">- <i>Disciplinary training activities for Animal and Food Science</i> At least 4 ECTS- <i>Cross-curricular training activities and soft skills</i> activities: At least 8 ECTS |
| Aims of the individual training plan |
| <p>The training activity is meant to let PhD students acquire the competences needed to carry out research in a specific scientific field. In this context both specific and cross curricular competences must be defined. PhD students, together with their supervisors, identify the competences to be acquired, considering the specific object of their research.</p> |
| Training Offer |
| <p>Attend scheduled courses and assessments</p> |
| <p>1. Definition of Course <i>Teaching activity of at least 1 ECTS (lectures of 8 hours) including: 1. A final assessment; 2. Compulsory attendance of at least 70% of the lecture; 3. Evaluation of the lecture by the PhD student.</i> A complete list of available courses can be found here: Courses</p> |
| <p>2. Definition of Seminar <i>Teaching activity, the total duration of which is less than 4 hours. Seminars are taught by qualified staff on highly specialized or crosscutting themes.</i> A continuously upgraded agenda can be found here: Seminars</p> |
| Type of Educational offer |
| <p>a. <u>Compulsory course</u>. To complete their training, PhD students <i>must</i> attend those courses indicated as “compulsory”.</p> |
| <p>b. <u>Specialized course</u>. To complete their training, PhD students <i>can</i> attend specialized courses.</p> |
| <p>c. <u>Soft skills course</u>. To complete their training, PhD students <i>must</i> attend the suggested number of soft skills courses.</p> |
| <p>d. <u>Seminars</u>. To complete their training, PhD students <i>can</i> attend some seminars.</p> |
| <p>e. <u>Group activities</u>. To complete their training PhD students <i>can</i> take part in group activities.</p> |
| <p>f. <u>Winter/Summer Schools</u> To complete their training PhD students <i>can</i> attend Winter/Summer Schools.</p> |
| <p>g. <u>Other training activities</u>. PhD students can take part in other training activities to complete their training (e.g. courses organized by other PhD programmes at UNIPD or in other Universities, even abroad, Master course lectures, courses organized by qualified sector associations, etc.)</p> |
| <p>h. <u>Conferences</u>. To complete their training PhD students <i>can</i> attend conferences.</p> |

Educational offer

Based on the above definitions, the student, together with the supervisor, must select with an X the courses that she/he would like to attend among those listed below, considering that 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 ETCS among the **Cross-curricular training activities and soft skills**, out of which four ETCS must be related to “Statistics”, one ETCS to “IR and IPR exploitation” and three ETCS to “Scientific communication”.

Additional courses listed under “Other activities”, available among the teaching activities shared by the other PhD Course of Agripolis, or proposed by the student could be selected, but do not contribute to satisfy the minimal requirements.

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

Disciplinary training activities for Animal and Food Science (at least 5 ETCS)

Theoretical and Practical Bioinformatics Approaches in Animal and Food Science

Teachers: Piergiorgio Stevanato e Samathmika Ravi (DAFNAE Department) (4 ECTS)

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

Cross-curricular training activities and soft skills (at least 8 ETCS)

LINGUISTIC

English language (1 ECTS)

Teacher: Centro Linguistico di Ateneo (CLA)

Where: CLA

When: at the student's choice

Italian language for foreigners (1 ECTS)

Teacher: Centro Linguistico di Ateneo (CLA)

Where: CLA

When: at the student's choice

Scientific Writing in English (4 ECTS)

Teacher: Mark E. Olson

STATISTICS (at least 4 ETCS)

Basic Statistics (3 ECTS)

Teachers: Marco Borga and Giulia Zuecco

Applied Statistics with Applications in R (2 ECTS)

Teachers: Alessio Cecchinato and Sara Pegolo

Advances Statistics with R: Experimental Design in Lab and Field (2 ECTS)

Teachers: Roberto Mantovani and Nicola Dal Ferro

Advances Statistics with R: Mixed Models (2 ECTS)

Teachers: Cristina Sartori,

IPR AND IPR EXPLOITATION (at least 1 ETCS)

[] **The role of the Principal Investigator** (1 ECTS)

Teacher: Giancarlo Renella

[] **Ethics in scientific research** (1 ECTS)

Teacher: Ana Borovecki

OTHER (SCIENTIFIC COMMUNICATION) (at least 3 ETCS)

[] **How to prepare a scientific paper** (1 ECTS)

Teachers: Severino Segato and Enrico Sturaro

[] **How to present a scientific paper** (1 ECTS)

Teacher: Davide Pettenella

[] **Research organization and communication**

Introduction to Mendeley (1 ECTS)

[] **How to communicate science**—1.5 ECTS

Teacher: Massimo Polidoro

OTHER COURSES

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

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

[] **Ecosystem services and products: from ideas to business** (6 ECTS)

Teacher: professors from UNIPD, University of Manchester, Universidad Politécnica de Madrid,

Other courses could be included at the choice of the student/supervisor from the teaching activities of the PhD School of Agripolis and are listed [here](#)

Legnaro, Agripolis, _____

The PhD student

The Supervisor
