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Individual Training Plan

Requirements of the individual training plan
<p>For each PhD student, the individual training plan is established together with the supervisor. The training plan usually includes the courses as described below, to be chosen among the activities included in the training offer (see the list below).</p> <p>ECTS value is equivalent to 25 hours of training which is the sum of 4 to 8 hours of lectures – depending on the complexity of the course – 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 programs, even abroad. The replacements must be based on a reasoned justification.</p> <p>For Crop Science it is mandatory to attend:</p> <ul style="list-style-type: none"> - <i>Courses specific for Crop Science</i> 4 courses, already marked, for a total of 5 ECTS - <i>Cross-disciplinary</i> and <i>Soft skills</i> activities: 8 courses for a total of 15 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-disciplinary 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>

1.	<p>Definition of Course</p> <p><i>Teaching activity of at least 1 ECTS (lectures of 4 to 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></p> <p>A complete list of available courses can be found below.</p>
2.	<p>Definition of Seminar</p> <p><i>Teaching activity, the total duration of which is less than 4 hours. Seminars are taught by qualified staff on highly specialized or cross-cutting themes.</i></p> <p>A continuously updated agenda can be found here: Activities&Courses It is also recommended to follow the upgrade at the website http://www.sciproveg.com</p>
Type of Training offer	
a.	<u>Compulsory course</u> . To complete their training, PhD students <i>must</i> attend those courses indicated as “compulsory”.
b.	<u>Specialized course</u> . To complete their training, PhD students <i>can</i> attend specialized courses.
c.	<u>Soft skills course</u> . To complete their training, PhD students <i>must</i> attend the suggested number of soft skills courses.
d.	<u>Seminars</u> . To complete their training, PhD students <i>must</i> attend at least four seminars (1 ECTS).
e.	<u>Group activities</u> . To complete their training PhD students <i>can</i> take part in group activities.
f.	<u>Winter/Summer Schools</u> To complete their training PhD students <i>must</i> attend Winter/Summer Schools.
g.	<u>Other training activities</u> . PhD students can take part in other training activities to complete their compulsory 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.)
h.	<u>Conferences</u> . To complete their compulsory training PhD students <i>can</i> attend conferences.

Training offer (instructions)

On the basis of the above definitions, the student, together with the supervisor, must mark by an **X** the courses that she/he would like to attend, considering that the minimal requirement is **at least 15 ECTS**. Specifically, the student must select 8 courses among the list below. **Four compulsory courses are already marked** within **Cross-disciplinary** and **Soft skills courses** and the PhD student has to select four courses among all the **ELIGIBLE** ones (not marked). Three out of these four courses must be selected among the **Soft skills: research organization and communication**.

Additional courses listed under **Other activities** could be selected, but do not contribute to satisfy the minimal requirements (the ECTS reported are referred to other PhD Courses).

Beside the minimal requirements, the PhD students of Crop Science have **4 additional compulsory courses already marked** (see *Courses specific for Crop Science*).

Updated details related to dates and teaching rooms of each course are available [here](#). Syllabus file is also available [here](#). (The limited red fonts in both files indicated preliminary info on few courses which will be updated and finalized asap).

ELIGIBLE COURSES

Courses specific for Crop Science

[X]	Experimental design in Crop Science: principles (1 ECTS) – 1 st year PhD Students Teacher: Lorenzo Marini Where: Paluzza (UD) - Italy When: 24-27 January 2023
[X]	Experimental design in Crop Science: from lab to field (1 ECTS) – 1 st year PhD Students Teacher: Lorenzo Marini Where: Paluzza (UD) - Italy When: 24-27 January 2023
[X]	Writing and reviewing a paper (1 ECTS) – 2 nd year PhD Students Teacher: Lorenzo Marini Where: Agripolis When: Spring 2024
[X]	Scientific communication: CRS course (2 ECTS) Teachers: Maria Flora Mangano Where: Agripolis When: to be confirmed for 2024

Cross-disciplinary courses

[X]	Basic Statistics (2 ECTS) Teachers: Picco and Giulia Zuecco Where: to be confirmed When: 12-14 December 2022
[X]	Applied Statistics with Applications in R (2 ECTS) Teachers: Alessio Cecchinato and Sara Pegolo Where: to be confirmed When: 16-18 January 2022 (9-12 am)

[]	Advances Statistics with R: Experimental Design in Lab and Field (1,5 ECTS) Teachers: Roberto Mantovani, Ilaria Piccoli Where: to be confirmed When: 30, 31 January; 1 and 2 February 2023 (9-12 am)
[]	Advances Statistics with R: Mixed Models (2 ECTS) Teacher: Cristina Sartori Where: to be defined When: 6-9 February 2023 (10 am – 1pm)
[]	Introduction to GIS (1,5 ECTS) Teacher: Roberto Rossi Where: to be defined When: 23, 24 February, 9 am – 1 pm
[]	Geomatics and Earth Surface Modelling (2 ECTS) Teacher: Francesco Pirotti Where: to be defined When: to be defined
[]	Spatial statistics (2 ECTS) Teachers: Marco Borga and Giulia Zuecco Where: zoom virtual room When: 14,15,16 February 2023 (1-5 pm)
[]	Spatial statistics in socio-economic research (2 ECTS) Teacher: Francesco Pagliacci Where: to be defined When: to be defined

Soft skills: research organization and communication

[X]	The role of the Principal Investigator (1 ECTS) Teacher: Giancarlo Renella Where: to be defined When: 23 January 2023 (9 am – 1 pm)
[]	Introduction to Mendeley (0,5 ECTS) Teachers: Alessandro Leonardi Where: zoom virtual room When: 23 November 2022 (4- 6 pm)
[X]	Scientific Writing in English (4 ECTS) Teacher: Mark E. Olson Where: to be defined When: to be defined
[]	How to prepare and present a scientific paper (1 ECTS) Teachers: Severino Segato and Davide Pettenella Where: 14P When: 7,8,9 February 2023 (2-6 pm)
[]	Dissemination of science: contents and tools (1,5 ECTS) Teacher: Massimo Polidoro Where: to be defined When: 5,6 December 2022

[]	Data collection: from questionnaires to participatory approaches (2 ECTS) Teachers: L.Secco, C.Burlando, R.Cassini, R.Da Re, E.Pisani Where: to be defined When: to be defined
[]	Ethics in scientific research (2 ECTS) Teacher: A. Borovecki Where: ONLINE When: 21,23 March 2023
[]	Ethics in writing and reviewing (0,5 ECTS) Teacher: Marco Borga Where: TESAF council ROOM When: 29 May 2023 (9-11 am)

OTHER ACTIVITIES (the ECTS reported are referred to other PhD Courses)

[]	Research integrity: pills of ethics before spritz break (4 events - 1.5 h) (no ECTS) Organizers: Mary Giantin, Andrea Squartini Where: Room 1 Ca' Gialla When: 24 Oct and 28 Nov 2022, 30 Jan 2023 (5-6 pm)
[]	PhD educational week on transferable skills (no ECTS) Organizers: UNIPD Where: to be defined When: to be defined (for info: https://ilbolive.unipd.it/it/phd-educationalweek)
[]	English and Italian languages (no ECTS) Teacher: Centro Linguistico di Ateneo (CLA) Where: See CLA's program When: See CLA's program
[]	Italian languages for foreigners (no ECTS) Teacher: Centro Linguistico di Ateneo (CLA) Where: See CLA's program When: See CLA's program
[X]	Health and Safety at work (no ECTS) Where: on-line When: at the PhD student's choice
[X]	Welcome day (No ECTS) Organized by: PhD Coordinators When: October 2022
[X]	Welcome to DAFNAE (no ECTS) Organized by: PhD Coordinators When: 14 October 2022
[X]	Welcome to Research (no ECTS) Teacher: Nicola Bertin Where: (Stecca 1, First floor, DAFNAE) When: 15 November 2022 (9 am -1 pm)

Please list here the courses not included above you will attend. You can choose also courses provided by other PhD courses, or even by other universities when you are abroad.

[]	The New Community and National Phytosanitary Regime: general framework of Reg. 2031/2016 and application Regulations. (0.5 ECT) Teacher: Beniamino Cavagna Where: zoom virtual room in ITALIAN When: 10 November 2022 (9-12 am; 2-4 pm)
[]	The circulation of plants within the European Union (plant passport, conditions, etc.). Notes on legislation and conditions for the circulation of propagating materials (fruit-bearing, vines, seeds). (0.5 ECT) Teacher: Stefano Endrizzi Where: zoom virtual room in ITALIAN When: 14 November 2022 (9-12 am)
[]	Regulations, conditions and controls for the introduction of plants into the European Union (Import). (0.5 ECT) Teacher: Paolo Solmi Where: zoom virtual room in ITALIAN When: 14 November 2022 (2-5 pm)
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Seminars:

In addition, the PhD student must attend at least **4 seminars** which will account for **1 ECTS**. The list of seminars must be reported in the periodic reports due at the end of each year.

Any changes in your educational program should be communicated and approved by the Council of the course.

Agripolis, _____

The PhD student

The Supervisor