

Educational Plan

Within the first 6 month of activities, each student should submit its Individual Educational Plan including mandatory courses and at least 2 courses (4 ECTS), chosen among the following course offered by the PhD program, and any external Institution. Individual Educational Plan (IEP) should be approved by the Teaching Committees, based on recommendation of the Educational Committee.

<i>Insegnamento</i>	CFU/Ore	Docente	CV	Obbligatorietà	Anno di corso
Information Systems and Experimental Data Processing – Module: Descriptive Statistics and Simple and Multiple Regression Models	16 ore/2 CFU	Fabio Santeramo	1 e 2	Si	I
Information Systems and Experimental Data Processing – Module: Experimental Design, Data Analysis and Processing	24 ore/3 CFU	Giuseppe Gatta	1 e 2	SI	I
Advanced Statistics	20 ore/ 2 CFU	Massimo Monteleone	1 e 2	SI	II
Green Economy: Economic, Social and Environmental Aspects	20 ore/ 2 CFU	Antonio Stasi	1	NO	A scelta
Research Methods: aspetti teorici e applicazioni al settore agro- alimentare	20 ore/ 2 CFU	Francesco Bimbo	2	NO	A scelta
Trends in analytical techniques for quality and safety controls in the agro- food sector	16 ore/ 2 CFU	Maurizio Quinto	2	NO	A scelta
Precision Livestock Farming: challenges and opportunities	16 ore/ 2 CFU	Maria Giovanna Ciliberti	1	NO	A scelta
Impact of microbial communities in food and environment	16 ore/ 2 CFU	Barbara Speranza	1 e 2	NO	A scelta
Parasitic contaminants of raw vegetables and fruits and public health	20 ore/ 2 CFU	Alessandra Barlaam	2	NO	A scelta
Geographic informative system	20 ore/ 2 CFU	Anna Rita Cammerino	1	NO	A scelta
Enzyme assays in plant cell extracts: a practical approach	16 ore/ 2 CFU	Mario Soccio	1 e 2	NO	A scelta
Machine vision for food quality inspection	35 ore/4 CFU	Giancalro Colelli (24 ore/3 CFU) Roberto Romaniello (11 ore/1 CFU)	2	NO	A scelta
Microstructural analysis of food and agricultural products.	20 ore	Antonio Derossi	2	NO	A scelta
Sustainable agriculture and food production	16 ore	Angela Libutti	1	NO	A scelta
Synchrotron radiation, basics and application in environmental samples	16 ore	Beatrice Giannetta	1	NO	A scelta
Molecular biology techniques: applications in animal, plant and microbial genetics	20 ore	Angelica Giangaspro		NO	A scelta
Microbial processes for the valorization of agro-food and industrial waste	16 ore	Luciano Beneduce	1	NO	A scelta