

<b>Ph.D. course</b>	<b>AGRICULTURAL, FOOD AND ENVIRONMENTAL SCIENCE (INTERNATIONAL)</b>
<b>Cycle</b>	XXXVI
<b>Scientific area</b>	Agricultural science
<b>Duration</b>	3 years
<b>Department</b>	Department of Agriculture, Food and Environment
<b>Department website</b>	<a href="http://www.di3a.unict.it/">http://www.di3a.unict.it/</a>
<b>Ph.D. Course Coordinator</b>	Prof. Alessandro Priolo
<b>Partner Institution(s)</b>	Technical University of Lisbon (Portugal)
<b>Research theme(s)</b>	<p>Due to its interdisciplinary nature covering all sectors of Area 07, the Ph.D. course aims at training professional figures qualified for both pure and applied research in the domain of agriculture, food and environment, capable of:</p> <ul style="list-style-type: none"> <li>- organizing and conducting experiments in the diverse phases of the interested industries, interpreting results by means of suitable statistical methodologies;</li> <li>- making choices allowing to obtain programmed production in terms of quality, quantity and time and without negative impact on the environment and the healthiness of products;</li> <li>- managing agri-food and environmental systems for the protection of land and water resources;</li> <li>- managing machinery and products utilized in agriculture and agri-food industry;</li> <li>- checking, also by means of innovative, eco-compatible technologies, adversities, both biotic and abiotic, threatening agricultural and food produce and agricultural and forest ecosystems;</li> <li>- analyzing agri-food systems in order to intervene on the planning and management of the diverse industries and to know economic instruments to protect and manage the environment;</li> <li>- transferring advanced, innovative technologies to agricultural and food processes and products, with respect to eco-sustainability;</li> <li>- training experts on rural development</li> </ul>
<b>Available places</b>	<p>1) Places with scholarship financed by the University of Catania: <b>4</b></p> <p>2) Places with scholarship financed by the Italian Institute of Social Security reserved to the children and orphans of users registered with the unitary system of social security credits and the children of retirees registered with the management of public employees: <b>1</b> Research theme: Innovative Doctorates “Industry 4.0”</p> <p>3) Places with scholarship financed by the Department of Agriculture, Food and Environment through grants included in the third-party service agreement with EcorNaturaSi S.p.A.: <b>1</b> Research theme: Addressing quality innovation and sustainability in the organic durum wheat supply chain</p> <p>4) Places without scholarship: <b>1</b></p> <p><b>TOTAL: 7</b></p>
<b>Selection procedures</b>	<p>1) Evaluation of qualifications;</p> <p>2) Oral examination Candidates living abroad can take the form of videoconference interview</p>
<b>Date, place, format and language of the oral examination</b>	<p>Date: September 28 2020, h. 9:00 (9,00 a.m. Italian time)</p> <p>Place: Aula Jannaccone, Via Valdisavoia n.5 , 1st floor, Catania</p> <p>Format:</p> <ul style="list-style-type: none"> <li>- Dissertation on the research project</li> <li>- General knowledge of the themes of the candidate’s degree and/or the themes related to the Ph.D. course</li> </ul> <p>Language: English</p>