TOPIC: Precision farming methods and tools to improve the efficiency of agriculture.

TOPIC: Smart systems for the reduction of environmental impact of agriculture.

TOPIC: Development of smart sensors for water stress detection in agriculture.

TOPIC: Evaluation of the Mediterranean agrobiodiversity resilient to environmental issues by using artificial intelligence smart tools.

TOPIC: Bioactive compounds in animal feeding: effects on meat processed products.

TOPIC: Sustainability of food production, management models and agribusiness.

TOPIC: Functional biodiversity for optimizing biological control of tomato and citrus pests.

TOPIC: Toxic substances and harmful micro-organisms detection for livestock production.

TOPIC: Optimization of Constructed Wetland systems for livestock water and wastewater management.

TOPIC: Characterization and sustainable management of fungal diseases of tropical plants in nursery.

TOPIC: Control in stored products.

TOPIC: Physiological, biochemical and productive aspects in orange tree related to the application of deficit irrigation techniques.

TOPIC: Beneficial effects of microbial preparations on crop yield, processed products and quality aspects of ingredients/raw materials and food products.

TOPIC: Sensory properties of novel model food systems.

TOPIC: Beneficial effects of microbial preparations on crop yield, quality and protection in the Mediterranean environment.

TOPIC: Microbiology in dairy processing and aging and the role of wooden tools.

TOPIC: Traditional and innovative technological parameters of the ageing process: effects on the quality of dairy products.

TOPIC: Nature based Solution (NBS) for water treatment and reuse in agriculture.

TOPIC: Innovative and sustainable approaches for the management of stored food pests in organic industry and urban environments.

TOPIC: Characterization of fungal diseases of plants through morphological and molecular analyses, biological and integrated plant protection.
| N° | NRRP - Ministerial Decree n. 117/2023 - Inv. 3.3 Research NRRP | TOPIC: Innovative and sustainable cropping systems and extraction technologies to boost quantitative-qualitative production and valorization of Mediterranean aromatic and medicinal species. REQUIRED SKILLS: Agronomic and qualitative evaluation of Mediterranean aromatic and medicinal plants | Period abroad: 6 months; Period at Florguarino Sas: 6 months |
| 20 | NRRP - Ministerial Decree n. 118/2023 - Inv. 4.1 Research NRRP | TOPIC: Sustainable animal production in the Mediterranean area for quality products. REQUIRED SKILLS: Mediterranean animal production systems. Quality parameters of meats and dairy products | Period abroad: 6 months |
| 21 | NRRP - Ministerial Decree n. 118/2023 - Inv. 4.1 Research NRRP | TOPIC: Food webs in Mediterranean agroecosystems. REQUIRED SKILLS: Applied Entomology, biological control, natural enemy biology and ecology | Period abroad: 6 months |
| 22 | NRRP - Ministerial Decree n. 118/2023 - Inv. 4.1 Research NRRP | TOPIC: Strategies and tools for the transition of agri-food enterprises to sustainable production models. REQUIRED SKILLS: Life Cycle Assessment (LCA) for sustainability evaluation of agri-food enterprises adopting circular resource management strategies. | Period abroad: 6 months |
| 23 | Agreement of International Cooperation for the Ph.D. course in Agricultural, Food and Environmental sciences between the University of Catania and the Federal University of Viçosa (13/05/2022). Scholarship funded by the Federal University of Viçosa | REQUIREMENT: Master degree from the Federal University of Viçosa (Minas Gerais, Brazil) | Period abroad: minimum 6 months |
| 24 | Agreement of International Cooperation for the Ph.D. course in Agricultural, Food and Environmental sciences between the University of Catania and the Federal University of Viçosa (13/05/2022). Scholarship funded by the Federal University of Viçosa | REQUIREMENT: Master degree from the Federal University of Viçosa (Minas Gerais, Brazil) | Period abroad: minimum 6 months |
| 25 | PLACE WITHOUT SCHOLARSHIP | TOPIC: Economic consumer models in agri-food systems. REQUIRED SKILLS: Economic, processing, distribution, agribusiness, market and consumption of primary agri-food product systems | Period abroad: 1 month |

PLACES WITH SCHOLARSHIP, TOTAL: 24

PLACES WITHOUT SCHOLARSHIP, TOTAL: 1