PHD COURSE IN	AGRICULTURAL SCIENCES
COORDINATOR	Severino Zara – <u>szara@uniss.it</u>
TRAINING OBJECTIVES	The course aims to train highly qualified PhDs capable of meeting the demand for research and development in the fields of: (i) agrometeorology and plant ecophysiology; (ii) productivity of agricultural crops; (iii) management and protection of agricultural and forestry production systems; conservation, protection and enhancement of natural resources; (iv) biotechnology aimed at regional, national and international production needs; v) breeding and reproduction techniques, nutrition and feeding, applied genetics and selection of zootechnical animals also with the use of molecular biology techniques, quality and safety of food products of animal origin. (vi) The study of forms of land degradation, understood as actual or potential loss of land productivity or utility due to natural or anthropogenic factors affecting food production and security, livelihoods, production and provision of other ecosystem goods and services. (vii) Factors and forces leading to land degradation and desertification. In the three years PhD students acquire the scientific method and the skills necessary for preparing experimental designs, conducting experimental plans and laboratory activities, mathematical-statistical data processing, evaluating statistical-experimental inferences and disseminating research
AREAS OF INTEREST (SSD)	AGR/01 AGR/02 AGR/03 AGR/04 AGR/05 AGR/07 AGR/07 AGR/07 AGR/08 AGR/10 AGR/10 AGR/11 AGR/12 AGR/13 AGR/14 AGR/15 AGR/16 AGR/17 AGR/18 AGR/19 AGR/20 BIO/01 BIO/02 BIO/03 BIO/05 BIO/07 FIS/02 SPS/07

METHOD OF EVALUATION	Titles and interview (30+70)
CONTEST POSITIONS AND TOPICS RELATED TO SCHOLARSHIPS (by administrative category)	Curriculum in Microbial biotechnology and food technology No. 1 position without fellowship with a theme in collaboration with the PhD Course in Medical, Surgical and Experimental Sciences Theme: Microbiota and nutrition in the immune response and autoimmune diseases
VALID TOPICS FOR PROJECT AND INTERVIEW	The same themes already indicated for the scholarships should be used
INDICATIONS CONCERNING THE RESEARCH PROJECT	
DIRECTIONS ON THE ORAL TEST	The interview can optionally be held online or in-person

PHD COURSE IN	JURIDICAL SCIENCES
COORDINATOR	Omar Chessa – <u>dottoratosg@uniss.it</u>
TRAINING OBJECTIVES	The objective pursued by the PhD Course is that of Higher Education in the field of law, with specific attention to the various curricula, which respond to needs that are especially felt in the area in which the Doctoral Course operates, but with the intention of constituting a pole of attraction for scholars from other national areas and abroad. With regard to the first curriculum, the Course aims to provide doctoral students with tools for the legal analysis of supranational and state institutions, through recourse to doctrinal, jurisprudential and legislative formants. The curriculum also pays particular attention to the interactions between law and the economic world, and aims to stimulate inter-individual cooperation between researchers, overcoming the individualistic approach that usually characterises legal studies. With regard to the second curriculum, the Course intends to develop the study of the forms of protection of rights, activities and cultural heritage, which have assumed relevance not only at a national and international level, but also in the island's territory. The Course also aims to strengthen the international agreements concluded with foreign universities involving European and non-European scholars. The objective of the third curriculum is to train PhDs able to give theoretical support to the study of rights in contemporary society, in which the dimension and extent of rights is changing due to rapidly evolving political, social, economic and cultural phenomena. The curriculum also aims to introduce innovative approaches to the themes of justice systems, with indepth studies of the new procedural paths introduced by the Cartabia reform and the study of alternative methods of dispute resolution. In terms of method, the Course intends to provide the necessary tools for learning suitable research methodologies, through the organisation of in-depth seminars, conferences and external collaborations. This activity is aimed at training scholars who demonstrate the maturity achieved through ori
AREAS OF INTEREST (SSD)	IUS/01 IUS/02 IUS/04 IUS/05 IUS/06 IUS/08 IUS/09 IUS/10 IUS/12 IUS/15 IUS/15 IUS/16 IUS/17 IUS/18 IUS/20 IUS/21
METHOD OF EVALUATION	Titles, research project and interview (30+20+50)

CONTEST POSITIONS	No. 1 position without fellowship reserved for candidates who have obtained their qualification abroad
TO SCHOLARSHIPS (by	Theme:
administrative category)	Romanistic roots of Ibero-American law of succession
VALID TOPICS FOR PROJECT AND	The same themes already indicated for the scholarships should be used
CONCERNING THE	
RESEARCH PROJECT	
DIRECTIONS ON THE ORAL TEST	The interview can optionally be held online or in-person

PHD COURSE IN	MEDICAL, SURGICAL AND EXPERIMENTAL SCIENCES
COORDINATOR	Margherita Maioli – <u>mmaioli@uniss.it</u>
TRAINING OBJECTIVES	<u>General objective:</u> To train highly qualified researchers to be employed in both basic and applied research structures, both public and private. The training objective will also be pursued in collaboration with other Italian and foreign universities or by means of agreements with public and private entities possessing the requisites of high cultural and scientific qualification, as well as adequate personnel, facilities and equipment. The training of the PhD student will also be aimed at his/her insertion in the world of work and in the country's production system at public and private institutions. <u>Specific objectives:</u> - focus the training and research activity on extended scientific and methodological areas of great relevance for basic and applied research in the field of biomedical sciences; - carry out the proposed topics within the curricula with an interdisciplinary approach; - document the results of scientific activity on the proposed topics by the lecturers involved in the training activity; - carry out specific aspects of the training activity within the framework of interchange projects established with public and private research bodies, both Italian and foreign, willing to host doctoral students in their facilities. In order to achieve these training objectives, the PhD Course will set up a joint teaching committee, which will provide for the organisation, rationalisation and coordination of the teaching activity
AREAS OF INTEREST (SSD)	FIS/07 BIO/09 BIO/13 BIO/14 BIO/16 BIO/17 CHIM/10 ING-INF/06 MED/01 MED/03 MED/04 MED/06 MED/07 MED/08 MED/07 MED/10 MED/10 MED/11 MED/12 MED/12 MED/18 MED/19 MED/19 MED/24 MED/25 MED/25 MED/28 MED/29 MED/30 MED/31

	MED/36
	MED/40
	MED/41
	MED/42
	MED/43
	MED/49
	M-EDF/01
METHOD OF	
EVALUATION	Titles, research project and interview (30+20+50)
CONTEST POSITIONS	Curriculum in Neurosciences
AND TOPICS RELATED	No. 1 fellowship funded by the University
TO SCHOLARSHIPS (by	Theme:
administrative category)	Systematic, sensorimotor, cognitive and behavioural neuroscience.
VALID TOPICS FOR	
PROJECT AND	The same themes already indicated for the scholarships should be used
INTERVIEW	
INDICATIONS	
CONCERNING THE	
RESEARCH PROJECT	
DIRECTIONS ON THE	The interview can entionally be held online on in nerven
ORAL TEST	The interview can optionally be need online or in-person