Teaching Guide				
Identifying Data				2020/21
Subject (*)	Neurogenetics. dependence and disability		Code	652438011
Study programme	Mestrado Universitario en Psicoloxía Aplicada			
Descriptors				
Cycle	Period	Year	Type	Credits
Official Master's Degree	1st four-month period	First	Obligatory	3
Language	Spanish			
Teaching method	Non-attendance			
Prerequisites				
Department	Psicoloxía			
Coordinador	Pasaro Mendez, Eduardo Jose	E-mail	eduardo.pasaro@udc.es	
Lecturers	Pasaro Mendez, Eduardo Jose	E-mail	eduardo.pasaro@udc.es	
Web	www.dicomosa.org			
General description	Tratanse aspectos de base neuroxenética que poden afectar á discapacidade e a dependencia.			
Contingency plan	1. Modifications to the contents 2. Methodologies *Teaching methodologies that are maintained *Teaching methodologies that are modified 3. Mechanisms for personalized attention to students 4. Modifications in the evaluation *Evaluation observations: 5. Modifications to the bibliography or webgraphy			

Study programme competences / results	
Code	Study programme competences / results
A1	To recognize and respect human diversity and to understand that psychological explanations may vary across populations and contexts.
A2	To identify the personal, psycho-social and / or educative factors that may put human health at risk.
A3	Being able to elaborate a scientific report which involves defining a research problem, the hypotheses and variables, and defining the design, the sample and its method of selection, the tools for collecting data and their subsequent analysis and discussion.
A8	To know the basis for hypotheses establishment with respect to a particular case, and from them to deduce contrastable statements.
A12	To acquire a basic theoretical knowledge about the state of the art in the different areas involved in applied psychology.
A13	Knowing and being able to use the different models, theories, methods and assessment and intervention techniques that are specific of the different areas of research in Applied Psychology, and developing a critical attitude typical of the scientific spirit.
B2	Capacity for organization and planning.
C3	Using the basic tools of information and communication technologies (ICT) necessary for the exercise of the profession and for lifelong learning.
C8	Assessing the importance of research, innovation and technology development in the socio-economic and cultural progress of society.

Learning outcomes

Learning outcomes	Study programme competences / results		
	AR1 AR2 AR3 AR8 AR12 AR13		
	AR1 AR2 AR3 AR8 AR12 AR13		
		BR2	
			CC3 CC8

Contents	
Topic	Sub-topic
1. Neurogenetics. overall rank	
2. The trinucleotide expansion.	
3. The deleccións and uniparental disomy. Genomic imprinting.	
4. Point mutations. Environmental considerations	
5. Genetically heterogeneous disease.	
6. Problems neurogenetics	

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A1 A2 A3 A8 A12 A13 C3	9	27	36
Problem solving	A1 A2 B2	7	14	21
Speaking test	B2	2	3	5
Objective test	A1 C8	3	0	3
Personalized attention		10	0	10
(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				

Methodologies	
Methodologies	Description
Guest lecture / keynote speech	Master class
Problem solving	Troubleshooting neurogenetics
Speaking test	Speaking test
Objective test	Examined in a questionnaire

Personalized attention	
Methodologies	Description

Objective test Problem solving	Resolution of issues

Assessment			
Methodologies	Competencies / Results	Description	Qualification
Objective test	A1 C8	Solve a questionnaire. To pass the course must be approved test or objective test.	40
Speaking test	B2	Speaking test	29
Guest lecture / keynote speech	A1 A2 A3 A8 A12 A13 C3	Materiais en Moodle o Teams	1
Problem solving	A1 A2 B2	Troubleshooting neurogenetics	30

Assessment comments

Sources of information	
Basic	COX, T.M. y SINCLAIR, J. (1998). Biología Molecular en Medicina. Madrid. Pannamericana. PLOMIN, R., DEFRIES, J.C. (2002) . Genética de la conducta. Madrid, Alianza. QUEREJETA-GONZÁLEZ M. (2004). Discapacidad/dependencia. Unificación de criterios de valoración y clasificación. Madrid: IMSERSOTALBOT J.A., HALES R.E., YUDOFSKY S.C. (1989). Tratado de Psiquiatría. Ed.Ancora. BarcelonaCIE 10. Organización Mundial de la Salud.1990CIF. Clasificación Internacional del Funcionamiento, de la Discapacidad y de la SaludNormativa estatal e autonómica Lexislación estatal e autonómica sobre dependencia e discapacidad.
Complementary	

Recommendations
Subjects that it is recommended to have taken before
Subjects that are recommended to be taken simultaneously
Biopsychology/652438010 Psychological well-being/652438015
Subjects that continue the syllabus
Other comments
Conocimientos previos de contenidos de Psicobiología, especialmente de Genética de la conducta

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.