



## Teaching Guide

Identifying Data					2022/23
Subject (*)	Reading and new technologies		Code	652438020	
Study programme	Mestrado Universitario en Psicoloxía Aplicada				
Descriptors					
Cycle	Period	Year	Type	Credits	
Official Master's Degree	2nd four-month period	First	Obligatory	3	
Language	Spanish				
Teaching method	Face-to-face				
Prerequisites					
Department	Psicoloxía				
Coordinador	Peralbo Uzquiano, Manuel	E-mail	manuel.peralbo@udc.es		
Lecturers	Peralbo Uzquiano, Manuel	E-mail	manuel.peralbo@udc.es		
Web					
General description	Neste curso preténdese que o estudante coñeza os diferentes procedementos tecnolóxicos deseñados desde as Tecnoloxías da Información e as Comunicacóns para facilitar a aprendizaxe de la lecto-escritura, tratar as dificultades de aprendizaxe neste dominio e mellorar a nosa capacidade tecnolóxica para investigar os procesos que interveñen na comprensión lectora				

## Study programme competences / results

Code	Study programme competences / results
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.
A5	Being able to perform a psychological evaluation in the context of a scientific investigation.
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.
A14	Being able to analyze the bibliographic documentation necessary for a research work.
B2	Capacity for organization and planning.
B3	Teamwork.
B6	Critical thinking.
B13	Ability to apply knowledge to practice.
C2	To dominate the expression and understanding of a spoken and written foreign language.
C3	Using the basic tools of information and communication technologies (ICT) necessary for the exercise of the profession and for lifelong learning.
C6	To critically assess the knowledge, technology and information available to solve the problems they face.

## Learning outcomes

Learning outcomes	Study programme competences / results		
Capacidade para utilizar bases de datos sobre a materia	AR14		
Capacidade para utilizar un xestor bibliográfico vinculado ás bases de datos			CC3
Capacidade para identificar a estado da arte nun tema determinado	AR12		
Ser capaz de idear un obxectivo de investigación que mellore o coñecemento científico sobre un tema	AR3		
Ser capaz de planificar unha investigación en todas as súas fases	AR3		
Ser capaz de traballar colaborativamente no deseño e desenvolvemento dunha investigación		BR3	
Coñecer as ferramentas de software e hardware existentes para preparar a aprendizaxe da lecto-escritura			CC3



Coñecer as ferramentas de software e hardware existentes para mellorar o proceso de adquisición en nenos e nenas con e sen dificultades de aprendizaxe			CC3
Coñecer as ferramentas de software e hardware existentes para a investigación dos procesos que interveñen durante o proceso lector			CC3
Ser capaces de utilizar algunhas destas tecnoloxías de forma competente		BR13	
Ser capaz de elaborar un informe científico que implique definir un problema de investigación, as hipóteses e variables asociadas, así como definir ou deseño, a mostra e ou seu modo de selección, as ferramentas de recollida de datos e a súa consecuente análise e discusión.	AR3		
Ser capaz de realizar unha avaliación psicolóxica no contexto dunha investigación científica.	AR5		
Coñecer as bases para establecer hipóteses respecto dun caso concreto e, a partir das mesmas, saber deducir enunciados contrastables.	AR8		
Razoamento crítico.		BR6	
Coñecer e ser capaz de utilizar os diferentes modelos, teorías, métodos e técnicas de avaliación e intervención que son específicos dos distintos ámbitos da investigación en Psicoloxía Aplicada e desenvolver unha actitude crítica propia do espírito científico.	AR13		
Capacidade de organización e planificación.		BR2	
Dominar a expresión e a comprensión de forma oral e escrita dun idioma estranxeiro.			CC2
Valorar críticamente o coñecemento, a tecnoloxía e a información dispoñible para resolver os problemas cos que deben enfrontarse.			CC6

Contents	
Topic	Sub-topic
1. Reading processes and their assessment	
2. Software and hardware to prepare literacy learning	
2.1. ICT contributions to literacy	2.1.1. Computerized evaluation 2.1.2. Web resources for learning and teaching literacy 2.1.3. Usefulness of voice recognition systems
2.2. Assessment and development of initial language skills	2.2.1. Oral Language, Written Language: Assessment (LoEva) 2.2.2. Psychometric properties
3.- ICT applications for the treatment of learning difficulties	
3.1. Multimedia and intervention	3.1.1. Web resources for intervention on literacy difficulties 3.1.2. M.I.L. and Gliffing
3.2. SMS and literacy	3.2.1. SMS and reading comprehension 3.2.2. SMS and writing difficulties 3.2.3. Intervention through homophone-based abbreviations
4. Computerized systems and technological tools for the evaluation and measurement of the processes involved during reading	4.1. P.E.B.L. 4.2. Eye movements and reading

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
ICT practicals	A5 B13 C3	2	4	6
Student portfolio	A12 A14 B2 B6 C2 C6	0	11	11
Case study	A3 A5 A8 B3 B13	3	9	12
Guest lecture / keynote speech	A12 A13	15	30	45
Personalized attention		1	0	1

(\* )The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.



## Methodologies

Methodologies	Description
ICT practicals	- In a group formed by two or three, the students will make a blog on the subject activities. - Students should be able to use some of the ICT tools available for the evaluation and treatment of reading-writing difficulties
Student portfolio	Students must prepare a portfolio in which they will collect the material, comments and activities that they have carried out individually or in groups throughout the course.
Case study	Students must analyze cases of reading and writing difficulties and ICT resource programs for their treatment.
Guest lecture / keynote speech	Each topic will be introduced by the teacher who will present an outline of the contents of each section of the program

## Personalized attention

Methodologies	Description
ICT practicals	Each student will be able to carry out an individual tutorial in which the existing doubts about the use of the technique to be used in the evaluation practice will be addressed. The date of this tutorial will be set by email.

## Assessment

Methodologies	Competencies / Results	Description	Qualification
ICT practicals	A5 B13 C3	Students will receive up to 10 points for the correct performance of an assessment practice through an ICT resource.	10
Student portfolio	A12 A14 B2 B6 C2 C6	Students may receive up to 50 points for the quality of their portfolio. Students who have justified their legal inability to participate in the course full time will be evaluated through an exam that will cover all the matter. For him they will be able to receive 100% of the qualification.	50
Case study	A3 A5 A8 B3 B13	Students may receive up to 30 points for the work of analysis of resources for the evaluation and treatment of the cases studied.	30
Guest lecture / keynote speech	A12 A13	In the evaluation, 10 points will be assigned for attending the presentations that the teacher will make of the topics of the program (to receive it, it will be mandatory to attend at least 80% of the classes)	10

## Assessment comments

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## Sources of information

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## Basic

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Complementary	
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## Recommendations

Subjects that it is recommended to have taken before

Subjects that are recommended to be taken simultaneously

Subjects that continue the syllabus

## Other comments

En esta materia no se entregarán trabajos o materiales en papel, ni se usarán plásticos desechables en sus actividades.&nbsp;Se cuidará especialmente en todas las situaciones de enseñanza-aprendizaje el uso de un lenguaje no sexista, respetuoso con la diversidad y la no discriminación.

(\*)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.