



Teaching Guide				
Identifying Data				2014/15
Subject (*)	ALTERACIONES DE BASE CONXÉNITA		Code	652G04013
Study programme	Grao en Logopedia			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	1st four-month period	Second	Obligatoria	6
Language	SpanishGalicianEnglish			
Prerequisites				
Department	Psicología			
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General description	O principal obxectivo desta asignatura é coñecer os mecanismos que poden inducir a aparición de alteracións nas células, tecidos e órganos con consecuencias sobre a capacidade de comunicación oral, prestando especial atención ás causas de orixe xenético.			

Study programme competences	
Code	Study programme competences
A1	Coñecer e integrar os fundamentos biolóxicos da Logopedia: a Anatomía e Fisioloxía.
A2	Coñecer e integrar os fundamentos psicolóxicos da Logopedia: o desenvolvemento da linguaxe, o desenvolvemento psicolóxico, a Neuropsicoloxía da linguaxe, os procesos básicos e a Psicolingüística.
A5	Coñecer e integrar os fundamentos metodolóxicos para a investigación en Logopedia.
A7	Coñecer, recoñecer e discriminar entre a variedade das alteracións: os trastornos específicos do desenvolvemento da linguaxe, trastorno específico da linguaxe, retrasos da linguaxe, trastornos fonéticos e fonolóxicos; os trastornos da comunicación e a linguaxe asociados a déficit auditivos e visuais, o déficit de atención, a deficiencia mental, o trastorno xeneralizado do desenvolvemento, os trastornos do espectro autista, a parálise cerebral infantil e as plurideficiencias; os trastornos específicos da linguaxe escrita; as discalculias; as alteracións no desenvolvemento da linguaxe por privación social e as asociadas a contextos multiculturais e plurilingüismo; os trastornos da fluidez da fala; as afasias e os trastornos asociados; as disartrias; as disfonías; as disglosias; as alteracións da linguaxe no avellentamento e os trastornos dexenerativos; as alteracións da linguaxe e a comunicación en enfermidades mentais; o mutismo e as inhibicións da linguaxe; as alteracións das funcións orais non verbais: deglución atípica, disfagia e alteracións tubáricas.
A26	Adquirir un coñecemento práctico para a avaliación logopédica.
B12	Comunicarse de maneira efectiva nun contorno de traballo.
B17	Saber expresarse en público.

Learning outcomes		
Subject competencies (Learning outcomes)	Study programme competences	
Know the origin and evolution of language, as well as consideration of how this result set behavior evolutionarily	A2	
Study the lateralization of brain function. Meet the usefulness of the study of lesions in the knowledge of the topography of the brain processes language	A1 A2	
Learn some techniques of determination of language disorders conxénitas	A5 A26	
Know the stages of embryonic development and the relationship thereof with the risk of malformations occur	A26	
Understand how genetic information and the types of products that the cells can use co-related cognitive functions.	A1	
Knowing the origin and language disorders congenital both exogenous type as those caused by specific genetic alterations and chromosomal abnormalities.	A7 A26	
Understanding the changes that occur in the language as a result of alterations in neurogenetic type, cerebral palsy and mental retardation.	A7 A26	



Know the main language disorders and speech with conxénita basis	A7 A26		
Mastering the scientific language of the discipline and communicate effectively.		B12	
Learn public speaking expertise		B17	

Contents	
Topic	Sub-topic
1. Concept of congenital anomaly. Language as behavior	
2. Methods of study	
3. Modes of genetic information	
4. Mechanisms of inheritance	
5. Embryonic Desenvolvimento. Teratogenesis. Environmental considerations	
6. Inborn errors of metabolism	
7. Chromosomal abnormalities. Numerical and structural chromosomal alteracions	
8. Neurogenetics	
9. Cerebral palsy, mental retardation and language.	
10. Prevention, diagnosis and therapy of congenital language disorders	

Planning			
Methodologies / tests	Ordinary class hours	Student?s personal work hours	Total hours
Guest lecture / keynote speech	20	40	60
Seminar	17	25.5	42.5
Multiple-choice questions	3	0	3
Problem solving	5	10	15
Supervised projects	0	28	28
Personalized attention	1.5	0	1.5

(\* )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	Introduction teacher you put the contents of the agenda with the help of multimedia material. Answers to questions from students.
Seminar	They are interactive activities, a second regulatory structure approved by the Faculty. Trataránse issues related to the themes of the course, by plantexarán issues by students. Interactive sessions will take place after the weekend prior to the students to work and collect the contents doubts.
Multiple-choice questions	Multiple choice test.
Problem solving	Planning and problem solving
Supervised projects	Voluntarily and in accordance with faculty, students shall work on issues related to specific agenda items.

Personalized attention	
Methodologies	Description
Supervised projects Problem solving	Attention to students through interactive actividdaes, the tutorials presenciais or through Virtual Campus, for guidance in conducting the protected work and the study of the subject in general.



## Assessment

Methodologies	Description	Qualification
Supervised projects	The work will be supervised volunteers. Compute a maximum of 10% of the final grade for the course, to deduct the weight of the multiple choice test and if the latter is approved	0
Seminar	Attendance and participation will be assessed, provided the multiple choice test is approved	2
Problem solving	They are part of the multiple-choice test	0
Multiple-choice questions	An examination at the end of the program to be approved to pass the course. This examination can be scheduled before the Faculty	90
Guest lecture / keynote speech	Attendance and participation will be assessed, provided the multiple choice test is approved	8
Others	Un examen al finalizar el programa que deberá aprobarse para superar la asignatura. Dicho examen podrá realizarse antes del programado por la Facultad La nota de la asignatura se complementará con los trabajos correspondientes a los créditos ECTS y el trabajo práctico.	

## Assessment comments

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## Sources of information

Basic	
Complementary	

## 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

-Basics of cytology, histology and genetics. Knowledge, level computer user, for the use of the Virtual Campus.

(\*)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.