

25913 - Neuropsychology

Información del Plan Docente

Academic Year	2017/18
Faculty / School	301 - Facultad de Ciencias Sociales y Humanas
Degree	270 - Degree in Psychology
ECTS	6.0
Year	2
Semester	Second Four-month period
Subject Type	Compulsory
Module	---

1.General information

1.1.Introduction

1.2.Recommendations to take this course

It is recommended that the student has passed related subjects that are scheduled previously. In particular, considering the skills of our subject, the student has acquired prior knowledge about: the concept and methods of psychobiology; evolution and genetics; structure and function of cells of the nervous system; neuroanatomy and development of the nervous system; neuronal plasticity; organization of sensory systems; neurophysiological mechanisms of learning, sleep, intake, sexual and emotional behaviors. In addition, students must have basic computer skills and know how to perform literature searches. It is essential to follow the course in the Moodle platform. Finally, it is recommended a sustained attendance to classes.

1.3.Context and importance of this course in the degree

1.4.Activities and key dates

2.Learning goals

2.1.Learning goals

2.2.Importance of learning goals

3.Aims of the course and competences

3.1.Aims of the course

3.2.Competences

4.Assessment (1st and 2nd call)

4.1.Assessment tasks (description of tasks, marking system and assessment criteria)

5.Methodology, learning tasks, syllabus and resources

5.1. Methodological overview

The methodology followed in this course is oriented towards achievement of the learning objectives based on lectures and practice sessions.

5.2. Learning tasks

The course includes 60 ECTS organized according to:

Lectures (3 ECTS: 30 hours)

Practice sessions (3 ECTS: 30 hours)

5.3. Syllabus

What is Neuropsychology?

Main methods and techniques in Neuropsychology

Organization of cortical function

Brain pathology

The frontal lobe and its dysfunctions

Brain basis of recognition and disorders

Brain basis of attention and disorders

Brain basis of memory and disorders

Brain basis of language disorders

Brain Basis of praxical function and disorders

5.4. Course planning and calendar

The overall planning of the course corresponds to the following student dedication: total hours: 150; attendance hours: 56; non-attendance hours of student work: 90; Assessment hours: 4.

5.5. Bibliography and recommended resources

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- Goldberg, Elkhonon. El cerebro ejecutivo : lóbulos frontales y mente civilizada / Elkhonon Goldberg ; prólogo de Oliver Sacks ; traducción castellana de Javier García Sanz Barcelona : Crítica, 2009
- Bear, Mark F.. Neurociencia : la exploración del cerebro / Mark F. Bear , Barry W. Connors, Michael A. Paradiso . - 3ª ed. Barcelona : Wolters Kluwer Health España : Lippincott Williams & Wilkins, cop. 2008
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- Sacks, Oliver. El hombre que confundió a su mujer con un sombrero / Oliver Sacks ; traducción de José Manuel Álvarez Flórez ; revisión científica de la traducción F.Sabanés Magriñá . - 7ª ed. Barcelona : Anagrama, 2006
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- Carlson, N.R. Fundamentos de fisiología de la conducta / N.R. Carlson. Madrid : Pearson Education, 2010
- Clark, D.L. El cerebro y la conducta: Neuroanatomía para psicólogos / D.L. Clark. México : Manual Moderno, 2007

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- Cummings, J.L. Neuropsychiatry and Behavioral Neuroscience / J.L. Cummings, M.S. Mega. New York : Oxford University Press, 2008
- Diamond, M. C.. El cerebro humano : libro de trabajo / M. C. Diamond, A. B. Scheibel y L. M. Elson. . 1ª ed., 7ª reimp. Barcelona : Ariel, 2008
- Fields, R.D. ¿Qué función cumple la sustancia blanca?. En Investigación y ciencia nº 380. 2008.
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- Principios de neurociencia / editado por Duane E. Haines ; colaboradores M. D. Ard ... [et al.] ; [revisores de la ed. española, Enrique Saldaña Fernández, Silvano de las Heras López-Negrete] . 2ª ed., [reimpr.] Madrid [etc.] : Elsevier Science, D.L. 2009
- Hilgetag, C.C. Morfología del cerebro. En Investigación y Ciencia, nº 391. 2009.
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