

25913 - Neuropsychology

Información del Plan Docente

Academic Year	2016/17
Academic center	301 - Facultad de Ciencias Sociales y Humanas
Degree	270 - Degree in Psychology
ECTS	6.0
Course	2
Period	Second Four-month period
Subject Type	Compulsory
Module	---

1.Basic info

1.1.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.

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

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Classes include expository sessions and practical sessions, teacher-directed activities, seminars, tutorials and self-learning work.

5.2.Learning activities

Lectures:

Aimed at exposing the basic contents of the subject to be complemented with the recommended bibliography, videos and slides.

Practical classes in small groups:

Its aim is the integration of knowledge, procedures and attitudes of the subject, working in groups sometimes. Several materials and activities will be used. To do this, we will use: scientific publications, samples for viewing under a microscope, software, case studies, images and anatomical models.

Tutorials:

The tutorials provide an opportunity to regulate student's learning and correct any problem that arise along the course.

Student study time:

The student will carry out an exercise of self-regulation of the learning process assisted by the aforementioned activities. The student must manage hours of dedication to the study of the subject which do not require attendance. For guidance, each hour of class requires at least one and a half of self-study.

5.3.Program

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.Planning and scheduling

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

- Kolb, Bryan. Neuropsicología humana / Bryan Kolb, Ian Q. Whishaw . - 5ª ed. , [1ª ed., 1ª reimpr.] Madrid [etc.] : Panamericana, 2008
- Tirapu Ustárroz, Javier. Manual de Neuropsicología / Javier Tirapu Ustárroz, Marcos Ríos Lago, Fernando Maestú Unturbe ; [coordinación editorial Eduard Arnau] . - 2ª ed. rev., act. y ampl. Barcelona : Viguera, D. L. 2011
- Gil, Roger. Neuropsicología / Roger Gil ; [traducción y revisión científica, Eva Mª Arroyo-Anlló] . - 4ª ed. Madrid [etc.] : Elsevier Masson, D. L. 2007
- 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
- Manual de neuropsicología / coordinadores, Carme Junqué, José Barroso . - [1ª ed.] Madrid : Síntesis, D. L. 2009
- 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
- Peña Casanova, Jordi. Test neuropsicológicos : fundamentos para una neurología clínica basada en evidencias /

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Jordi Peña-Casanova, Nina Gramunt Fombuena, Jordi Gich Fullà . - 1ª ed., 2ª reimp. Barcelona : Masson, D. L. 2006

- Anatomic basis of Neurologic Diagnosis / C.D. Alberstone (et.al). New York : Thieme, 2009
- Ardila, A. Neuropsicología clínica / A. Ardila, M. Rosselli. Madrid : Manual Moderno, 2007
- 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
- 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.
- Gazzaniga, M.S. Cognitive Neuroscience: The biology of the Mind / M.S. Gazzaniga, R.B. Ivry, G.R. Mangun. Nueva York : Norton, 2008
- 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.
- Manual de neuropsicología clínica / Coordinador Miguel Pérez García. . Madrid : Pirámide, 2009.
- Neurociencia / directores, Dale Purves ... [et al.] . 3ª ed. Buenos Aires [etc.] : Médica Panamericana, D.L. 2010
- Verstichel, P. El síndrome de Korsakoff. En Mente y Cerebro, nº 37. 2009.