



Mercoledì 5 Febbraio 2014

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strutture](#)> [Studiare a psicologia](#)> [Personale](#)> [Comunicazioni](#)> [Documenti online](#)> [Link utili](#)> [Specializzazione](#)> [Bandi](#)[Home](#) / [Offerta formativa](#) / [Affective neuroscience and psychopathology](#)**AFFECTIVE NEUROSCIENCE AND PSYCHOPATOLOGY**

M-PSI/02, 6 crediti

Corsi di laurea / indirizzi:

> Lauree magistrali N.O. DM 17/2010 / [Cognitive neuroscience and clinical neuropsychology \(CN2\)](#)

Prof. Buodo Giulia

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Inglese

Educational And Training Objectives

The course will provide an introductory overview of the field of Affective Neuroscience and research methods in this field, with a thorough account of the neural basis of fear, reward and aggression. Then, course topics will cover the contributions of Affective Neuroscience to the understanding of psychopathology, with reference to anxiety and mood disorders, psychopathy and schizophrenia.

Pre-requisites

It is assumed that students have adequate knowledge on the structure and functions of central and peripheral nervous system, and on general psychopathology (acquired over the course of the first three years of study).

Course content

- Affective Neuroscience: general framework
- Research methods in Affective Neuroscience
- The neural basis of fear, reward and aggression
- Anxiety and Depression
- Psychopathy
- Schizophrenia

Recommended reading

Text:

Berntson, G.G., Cacioppo, J.T. (2009). Handbook of Neuroscience for the Behavioral Sciences. Vol. 2. Capp. 36, 37, 39, 40, 41, 49, 54, 55, 57.

Reviews:

- Dalgleish, T., Dunn, B.D., Mobbs, D. (2009). Affective Neuroscience: past, present and future. *Emotion Review*, 1, 355-368.
- Burgdorf, J., Panksepp, J. (2006). The neurobiology of positive emotions. *Neuroscience and Biobehavioral Reviews*, 30, 173-187.
- Nelson, R.J., Trainor, B.C. (2007). Neural mechanisms of aggression. *Nature Reviews Neuroscience*, 8, 536-546.
- Davidson, R.J., Pizzagalli, D., Nitschke, J.B., Putnam, K. (2002). Depression: perspectives from Affective Neuroscience. *Annual Review of Psychology*, 53, 545-574.

Course material will be available at the Faculty library ("Centro stampa").

Teaching methods

Lessons will cover the course topics with the aid of audiovisuals. Participation in class discussions will be highly recommended, and group work will be assigned. Students will then move on to a thorough study of the course contents using the readings listed in the above section. Also, students will have the opportunity to test their preparation for the exam.

Assessment methods**Type of examination:** Written**Written examination:** Multiple choice and open questions**Notes**

Exam registrations by proxy will not be accepted.

COMUNICAZIONI AGLI STUDENTI (a cura del docente)

Nessuna comunicazione disponibile.