

15648. COMPARATIVE COGNITION

Profesores/as: *James Byron Nelson* (Grupo 01, inglés)

Código: 15648

Asignatura optativa: Comparative Cognition

Curso: indiferente

Segundo cuatrimestre

Créditos totales: 6 **Créditos teóricos:** 4 **Créditos prácticos:** 2

OBJETIVOS GENERALES

The course will provide the student with an introduction to comparative psychology. Students will learn basic methodologies used to study cognition in humans and animals and the resulting facts. Throughout the course the relevance of the material to modern psychology will be stressed.

TEMARIO

PARTE TEÓRICA

1. Animal Cognition
2. Representation of Stimuli
3. Memory
4. Learning
5. Attention
6. Problem solving and reasoning
7. Communication and language

PARTE PRÁCTICA

Students will design and participate in experiments on learning in human subjects and write reports which discuss how the methodology measured an underlying cognitive skill. As a final project, the student will create a new task or method through which to study cognition

BIBLIOGRAFÍA BÁSICA

- Bouton, M.E. (2006). *Learning and behavior: A contemporary synthesis*. Sinauer Associates Inc
- Pearce, J.M. (2008) *Animal Learning and Cognition, 3rd edition: An Introduction*. Psychology Press
- Shettleworth, S. (1998). *Cognition, Evolution, and Behavior*. Oxford University Press
- Wasserman, E. A., & Zentall, T. R. (2006) *Comparative Cognition: Experimental Explorations of Animal Intelligence*. Oxford University Press
- Boakes, R. (1984). *From Darwin to Behaviorism: Psychology and the minds of animals*. Cambridge University Press.

EVALUACIÓN

Grades will be based on contributions to the class discussions, four exams, and the written works from the practicums. Of these, the exams and class participation will compromise 80% of the total grade, while the work from the practicums will contribute the remaining 20%.