

25902 - Psychology of attention, perception and memory

Syllabus Information

Academic Year: 2019/20

Subject: 25902 - Psychology of attention, perception and memory

Faculty / School: 301 -

Degree: 270 - Degree in Psychology

ECTS: 6.0

Year: 1

Semester: First Four-month period

Subject Type: Basic Education

Module:

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

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

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

The designed learning process for this subject will be based on the following:

The practical contents will be held in classrooms and laboratories available for this purpose, in order to apply the theoretical contents by means of some proposed practical exercises: individual work, teamwork, discussion, debates and laboratory activities. Students will carry out activities that will eventually facilitate the acquisition and development of the core competencies of the subject, as well as critical thinking, team working, learning to discuss. They will be asked for individual or group reports which translate both reflections and learnt concepts as well as skills, abilities and attitudes, all of them developed along the course. All the former is considered essential to face the next topics to be studied in the degree and it will be especially important to properly acquire professional skills as Psychologist.

4.2.Learning tasks

Learning activities:

1. Lectures (30 hours, 3 ECTS credits max.)

2. Practical sessions (groupal) (20 hours, 2 ECTS credits)

3. Other activities throughout the season during the semester: (10 hours, 1 ECTS credit). They will consist on scientific or academic activities, implementation or participation in research projects, reviews, elaboration of a portfolios, conferences,

discussion groups, attending seminars and conferences, etc. The function of the activities is to promote knowledge of the subject matter and the acquisition of skills of the course. They may serve to improve marks obtained in theoretical and practical contents.

4.3.Syllabus

The course will address the following topics:

SECTION I. Psychology of Perception.

1. Introduction to the study of perception and conceptual framework
2. Perceptual modalities. Physical senses and chemical senses
3. Visual Processing: colour, space, form and movement

SECTION II. Psychology of Attention

4. Introduction to the study of attention and conceptual framework
5. Types of attention.
6. Attention and information processing

SECTION III. Psychology of Memory

7. Introduction to the study of memory and conceptual framework
8. Short-term Memory
9. Long-term Memory

4.4.Course planning and calendar

Teachers will indicate the schedule according to the program and the official calendar of each academic semester.

4.5.Bibliography and recommended resources

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- Smith, Edward E.. *Procesos cognitivos : modelos y bases neuronales* / Edward E. Smith, Stephen Michael Kosslyn ; con la colaboración de Lawrence W. Barsalou [et al.] ; traducción y revisión técnica de María José Ramos Platón . Madrid [etc]: Pearson Prentice Hall, D.L. 2008
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- Bruce, V. *Percepción visual: manual de fisiología, psicología y ecología de la visión* / V. Bruce, P.R. Gren. Barcelona : paidós, 1994
- Goldstein, E. Bruce. *Sensación y percepción* / E. Bruce Goldstein ; revisión técnica Manuel J. Blanco, Lola Sampedro Suarez . 6ª ed. Madrid [etc.] : Thomson, D. I. 2009
- Castillo Villar, María Dolores. *La atención* / María Dolores Castillo Villar . Madrid : Pirámide, D. L. 2009
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- Ballesteros Jiménez, Soledad. *Procesos psicológicos básicos* / Soledad Ballesteros Jiménez, Beatriz García Rodríguez . 1ª ed., 1ª reimpr. Madrid : Universitat, 2001
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- Ruiz Vargas, José María. *Psicología de la memoria* / José María Ruiz-Vargas . 1a. ed., 5a. reimpr. Madrid : Alianza, 1998
- Bressan, Paola. *Los colores de la Luna : Cómo vemos y por qué* / Paola Bressan ; traducción de M. Angeles

Cabré . 1ª ed. Barcelona : Ariel, 2008

- Coren, Stanley. *Sensación y percepción* / Stanley Coren, Lawrence M. Ward, James T. Enns ; traducción, Edgar Rubén Cosío Martínez, Sergio Antonio Durán Reyes, Juan Carlos Jolly Vallejo . 5a. ed. México [etc.] : McGraw Hill, 2001
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- *Atención y percepción* / Enric Munar, Jaume Rosselló, Antonio Sánchez Cabaco (coords.) . Madrid : Alianza, 2008
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