

25925 - Intelligence and Creativity: New Approaches

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	4
Semester	First Four-month period
Subject Type	Compulsory
Module	---

1.General information

1.1.Introduction

1.2.Recommendations to take this course

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. It favors the acquisition of knowledge related to biostatistics, and health services. A wide range of teaching and learning tasks are implemented, such as lectures, practice sessions, and assignments.

Students are expected to participate actively in the class throughout the semester.

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Classroom materials will be available via Moodle. These include a repository of the lecture notes used in class, the course syllabus, as well as other course-specific learning materials.

Further information regarding the course will be provided on the first day of class.

5.2.Learning tasks

The course includes 6 ECTS organized according to:

- Lectures (3 ECTS): 30 hours.
- Practice sessions (20 ECTS): 20 hours.
- Assignments (10 ECTS): 10 hours.
- Autonomous work (- ECTS): 90 hours.

Lectures: 50 face-to-face participative sessions lasting 50 minutes each one. The professor will present theoretical contents already available at the Moodle website.

Practice sessions: 10 practice sessions where students will work with case studies and problem-based activities (training activity program activities). Students are divided into four smaller groups.

Assignments: in groups, students will elaborate an essay (including bibliographical research, analysis, summary, scientific rigor, coherence of expression and citations).

5.3.Syllabus

PART I: INTRODUCTION

Chapter 1. The psychology of thinking and reasoning.

Chapter 2. The development of reasoning and formal thought.

Chapter 3. Conceptual change and reasoning.

PART II: THINKING AND REASONING MODALITIES

Chapter 4. Visuospatial reasoning.

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Chapter 5. Analogy.

Chapter 6. Deductive reasoning.

Chapter 7. Inductive reasoning.

Chapter 8. Mental models (I).

Chapter 9. Mental models (II)

Chapter 10. Narrative thinking.

PART III: PROBLEM SOLVING, CREATIVITY, INTELLIGENCE

Chapter 11. Problem solving.

Chapter 12. Strategies on problem solving.

Chapter 13. Creativity.

Chapter 14. Intelligence.

5.4.Course planning and calendar

For further details concerning the timetable, classroom and further information regarding this course please refer to the "Facultad de Ciencias Sociales y Humanas" website (<http://fcsh.unizar.es/psicologia/>)

5.5.Bibliography and recommended resources

Look at:

<http://psfunizar7.unizar.es/br13/egAsignaturas.php?codigo=25925&Identificador=1122>