

COURSE DETAIL

SPATIAL COGNITION

Country

Italy

Host Institution

University of Padua

Program(s)

Psychology and Cognitive Science, Padua

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology

UCEAP Course Number

125

UCEAP Course Suffix**UCEAP Official Title**

SPATIAL COGNITION

UCEAP Transcript Title

SPATIAL COGNITION

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

The course discusses topics including space and cognition; geographical space; measurements of spatial knowledge; spatial knowledge acquired from maps; spatial knowledge acquired by navigation; the main neuro-cognitive structures involved in cognitive maps formation, landmark recognition, allocentric, and egocentric knowledge and switching between them; clinical conditions associated with spatial orientation and knowledge; weakness and challenges in spatial knowledge and representations; space and language; individual visuospatial differences in processing and representing spatial information; the relationship between individual visuospatial differences and environment learning using different modalities (maps, navigation and descriptions) with different methodologies; and spatial representations in motor activities and sport. The course requires prerequisite knowledge of introductory aspects of psychology (as perception, language, memory and learning), models of cognitive psychology, and individual differences.

Language(s) of Instruction

English

Host Institution Course Number

PSP5070657

Host Institution Course Title

SPATIAL COGNITION

Host Institution Campus

Host Institution Faculty

Psychology

Host Institution Degree

First Cycle Degree in Psychological Science

Host Institution Department

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