

# COURSE DETAIL

## INDIVIDUAL DIFFERENCES IN 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**

131

**UCEAP Course Suffix****UCEAP Official Title**

INDIVIDUAL DIFFERENCES IN COGNITION

**UCEAP Transcript Title**

COGNITION DIFFERENCE

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## **Course Description**

Prerequisite: A fair understanding of psychological constructs like intelligence, cognitive functions. General knowledge about neuropsychological assessment.

At the end of the course students have critically understood: how to compare the major approaches to the study of cognitive functions from an individual differences perspective; the experimental methods used to study individual differences, and more specifically intelligence and cognitive functioning at individual level; the importance of individual differences in different cognitive domains.

Course topics include: Introduction to the study of individual differences in cognition. Must-know concepts in personality, intelligence, neuropsychology & research methodology; The paradox of individual differences: study what is common to understand what is not. Difference between nomothetic and idiographic approach; Relation between individual characteristics and cognitive functioning; "hot" intelligence and performance; Evolutionary approaches to the study of human cognition; Individual specificities in cognitive functioning. Single case studies and group studies. The role of normative data for determining normal performance. Premorbid intelligence. Cognitive reserve; Role of culture, personality, education, age and lifelong experiences on individual cognition; Graphical representation of individual differences; Domain-specific and domain-general individual differences.

## **Language(s) of Instruction**

English

## **Host Institution Course Number**

PSQ0091378

## **Host Institution Course Title**

INDIVIDUAL DIFFERENCES IN COGNITION

## **Host Institution Course Details**

<https://en.didattica.unipd.it/off/2024/LM/PS/PS1932/000ZZ/PSQ0091378/NO>

**Host Institution Campus**

Padova

**Host Institution Faculty**

School of Psychology

**Host Institution Degree**

Second cycle degree in Cognitive Neuroscience and Clinical  
Neuropsychology

**Host Institution Department**

Department of General Psychology

**Course Last Reviewed**

2024-2025

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