

COURSE DETAIL

LEARNING AND MEMORY

Country

Netherlands

Host Institution

Maastricht University - Center for European Studies

Program(s)

Psychology and Neuroscience, Maastricht

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology Biological Sciences

UCEAP Course Number

160

UCEAP Course Suffix**UCEAP Official Title**

LEARNING AND MEMORY

UCEAP Transcript Title

LEARNING & MEMORY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This biologically-oriented course gives students an introduction to generally applicable stages in learning and memory, namely encoding, storage, and retrieval. In addition, students are exposed to the different brain areas and structures that contribute to the different types of memory, and to the contribution of individual neurons to forming short- and long-term memory traces. This course aims to significantly deepen the students' concepts of working memory, episodic memory, different forms of conditioning, and skill learning, emotional learning, and learning by example. Insights into how memory works may help enhance memory and learning in many daily activities, educational contexts, and clinical contexts that involve revalidation after physical or emotional trauma, neurological disease, brain lesions, or aging. The course stimulates students to make the link between theoretical insights and applications. The corresponding practicals for this course are: Measuring Cognitive Functions 1, Measuring Cognitive Functions 2, Cognitive Disorders in Practice

Language(s) of Instruction

English

Host Institution Course Number

IPN1028

Host Institution Course Title

LEARNING AND MEMORY

Host Institution Campus

Maastricht University Center for European Studies

Host Institution Faculty

Faculty of Psychology and Neuroscience

Host Institution Degree

Host Institution Department

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