



## Certificate of Achievement

# Federico Chiaffredo

has completed the following course:

**LEARNING AND MEMORY: UNDERSTANDINGS FROM EDUCATIONAL NEUROSCIENCE**  
CENTRAL QUEENSLAND UNIVERSITY

This course introduces our uniquely human brain and provides an overview of the central nervous system, the limbic system and the concept of neuroplasticity. Social interaction is at the core of how emotions initiate and signal the processing and placement of information in the brain.

2 weeks, 2 hours per week

*Ken Purnell*

Ken Purnell  
Professor/HOC Grad Cert Brain Based Educ  
Central Queensland University

*Monique White*

Monique White  
Educational Developer  
Central Queensland University



The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit [futurelearn.com/proof-of-learning/certificate-of-achievement](https://futurelearn.com/proof-of-learning/certificate-of-achievement).

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.



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#### **STUDY REQUIREMENT**

2 weeks, 2 hours per week

#### **LEARNING OUTCOMES**

- Explore processes involved in memory formation, consolidation and retrieval
- Reflect on neuroscientific research concerning memory formation and its application in a range of educational contexts
- Demonstrate knowledge of neuroscientific concepts about learning and memory

#### **SYLLABUS**

- The unique human brain, the nervous system, and the limbic system;
- The concept of neuroplasticity;
- Implications of stress on learning and memory;
- Memory processing models;
- Authentic assessment.