COURSE DETAIL

THE INTEGRATED BRAIN
Country Australia
Host Institution University of Melbourne
Program(s) University of Melbourne
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Psychology
UCEAP Course Number 116
UCEAP Course Suffix
UCEAP Official Title THE INTEGRATED BRAIN
UCEAP Transcript Title INTEGRATED BRAIN
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

There are more connections in a human brain than there are stars in the universe. This course focuses on the brain as an integrated system and looks at how its many connected networks achieve coordinated effects, linking the mind to the brain and the body. In exploring integration across the nervous system, this course examines topics such as the effects of neurotransmitters on emotions and behavior, the nature of sleep and wakeful states and transitions between them, and mechanisms underlying the control of body movement. The connections between social factors and brain function is also explored, as well as current ethical dilemmas in the field, such as the ethical consequences associated with recent technologies designed to alter our minds, or enhance brain function beyond normal healthy ranges.

Language(s) of Instruction
English

Host Institution Course Number
PSYC30020

Host Institution Course Title
THE INTEGRATED BRAIN

Host Institution Course Details
https://handbook.unimelb.edu.au/view/2012/PSYC30020

Host Institution Campus
Parkville

Host Institution Faculty

Host Institution Degree

Host Institution Department
Psychology

Course Last Reviewed

2022-2023

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