



## *Syllabus*

# *Neuropsychiatry: Cognition of Mental Disorders - 6828*

*Last update 16-08-2023*

*HU Credits: 3*

*Responsible Department: Cognitive and Brain Sciences*

*Academic year: 0*

*Semester: 1st Semester*

*Teaching Languages: Hebrew*

*Campus: E. Safra*

*Course/Module Coordinator: Prof Shahar Arzy*

*Coordinator Email: [amnon.dafni@mail.huji.ac.il](mailto:amnon.dafni@mail.huji.ac.il) ; [shahar.arzy@ekmd.huji.ac.il](mailto:shahar.arzy@ekmd.huji.ac.il).*

*Coordinator Office Hours: Please schedule an appointment*

*Teaching Staff:*

*Prof Shahar Arzy,  
Prof Yoram Yovell*

*Course/Module description:*

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*In this course we shall investigate the human self with respect to body consciousness, spatial cognition, temporal cognition, social cognition, emotions, and even higher spaces like moral, political and religious ones. These will be done through different pathological conditions: we will meet patients with unique disorders, delve into their stories and discuss experiments aiming at understanding their situation. We will also compare them to insights from philosophy and literature, computational models and approaches, and hopefully have some insights regarding our own lives.*

*The course will take place in Givat Ram.*

*Course/Module aims:*

*Encouraging a discussion in issues concerning mind and body  
Encouraging creative thought  
Gaining experience in empirical lab work and data analysis*

*Learning outcomes - On successful completion of this module, students should be able to:*

*get knowledge about neuropsychiatric phenomena  
Consider the interrelations between pathology and physiology  
analyze phenomenological description and translate conclusions to experimental settings and / or computational model*

*Attendance requirements(%):*

*60% frontal lectures  
80% workshop meetings*

*Teaching arrangement and method of instruction: Weekly lecture*

*Course/Module Content:*

*Part I - Introduction*

*Philosophy of the Self*

*Psychology of the self and crowd*

*Me, Golem and Body: Aspects of the Psychophysical Problem*

*Part B - the self in cognitive spaces*

*- bodily consciousness*

*- spatial cognition: cognitive maps, cognitive graphs and schemata*

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*temporal cognition, memory and mental time travel*  
*- cognition of social networks*  
*- Emotions*  
*- higher cognitive spaces*

*Required Reading:*

*Principles of Behavioral and Cognitive Neurology*  
*Second Edition*

*M.-Marsel Mesulam (recommended)*

*Additional Reading Material:*

*Grading Scheme:*

*Essay / Project / Final Assignment / Home Exam / Referat 100 %*

*Additional information:*