האוניברסיטה העברית בירושלים
THE HEBREW UNIVERSITY OF JERUSALEM

The Hebrew University of Jerusalem

Syllabus

A View to Psychological Science: Attention and Eye Movements - 51119

Last update 29-09-2020

HU Credits: *2*

Degree/Cycle: *1st degree (Bachelor)*

Responsible Department: *Psychology*

Academic year: *2021*

Semester: *Yearly*

Teaching Languages: *Hebrew*

Campus: *Mt. Scopus*

Course/Module Coordinator: *Yoni Pertzov*

Coordinator Email: *pertzov@gmail.com*

Coordinator Office Hours: *Schedule by email*

Teaching Staff:
Prof Yoni Pertzov

Course/Module description:
xx

Course/Module aims:
xx

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

Attendance requirements(%):
100

Teaching arrangement and method of instruction: xx

Course/Module Content:
1. 1. Branan, N. (2010). Eye Movement May Be Key to Retrieve Unconscious Memories, Scientific American Mind
Recommended papers for subgroups:
Smith Squire (2018) Awareness of what is learned as a characteristic of hippocampus-dependent memory. PNAS
Lancry-Dayan et al (2017) Do You Know Him? Gaze Dynamics Toward Familiar Faces on a Concealed Information Test JARMC
2. Fong, J. (2012) Eye-Opener: Why Do Pupils Dilate in Response to Emotional States? Scientific American
3. Popovich, N. (2013). Eye-Tracking Software May Reveal Autism and other Brain Disorders. Scientific American
4. DeWeerdt, S. (2016). Why Toddlers with Autism Avoid Eye Contact. Scientific American
5. Martinez-Conde, S. (2015). Blind Justice: Biasing Moral Choices With Eye Tracking. Scientific American
6. PHOEBE WESTON (2018) What do your eye movements say about you? Incredible AI can predict your personality just by studying the motion and size of your pupils. MailOnline Link: http://www.dailymail.co.uk/sciencetech/article-5686817/An-incredible-mind-reading-AI-predict-personality-just-studying-eyes-move.html
7. Rodriguez, T. (2013). Can Eye Movements Treat Trauma? Scientific American

8. Nathan Caruana, Jon Brock (2017)Virtual Reality May Reveal New Clues about Autism Social Difficulties. Scientific American

More complicated manuscripts:
9. Ehrlichman, H., & Micic, D. (2012). Why do people move their eyes when they think?. Current Directions in Psychological Science, 21(2), 96-100.
10. Cavanagh, P., Hunt, A. R., Afraz, A., & Rolfs, M. (2010). Visual stability based on remapping of attention pointers. Trends Cogn Sci, 14(4), 147–53.

<u>Required Reading:</u>
1.1. Branan, N. (2010). Eye Movement May Be Key to Retrieve Unconscious Memories, Scientific American Mind
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Additional Reading Material:

xx

Course/Module evaluation:

End of year written/oral examination 0 %
Presentation 40 %
Participation in Tutorials 10 %
Project work 35 %
Assignments 0 %
Reports 0 %
Research project 15 %
Quizzes 0 %
Other 0 %

Additional information:

xx