

The Hebrew University of Jerusalem

Syllabus

A VIEW TO PSY SCIENCE: ATTENTION AND EYE MOVEMENTS - 51119

Last update 06-11-2016

HU Credits: 2

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: psychology

Academic year: 0

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:

Dr. 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. Branan, N. (2010). Eye Movement May Be Key to Retrieve Unconscious Memories, *Scientific American Mind*
2. Fong, J. (2012) Eye-Opener: Why Do Pupils Dilate in Response to Emotional States? *Scientific American*
3. Doherty-Sneddon, G. (2008) Eyes: A New Window on Mental Disorders. *Scientific American*
4. Popovich, N. (2013). Eye-Tracking Software May Reveal Autism and other Brain Disorders. *Scientific American*
5. Martinez-Conde, S. (2015). Blind Justice: Biasing Moral Choices With Eye Tracking. *Scientific American*
6. Ehrlichman, H., & Micic, D. (2012). Why do people move their eyes when they think?. *Current Directions in Psychological Science*, 21(2), 96-100.
7. Rodriguez, T. (2013). Can Eye Movements Treat Trauma? *Scientific American*
8. 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.
9. Ferreira, F., Apel, J., & Henderson, J. M. (2008). Taking a new look at looking at nothing. *Trends in Cognitive Sciences*, 12(11), 405-410.
<http://doi.org/10.1016/j.tics.2008.07.007>
10. Hayhoe, M., & Ballard, D. (2005.). Eye movements in natural behavior. *Trends in Cognitive Sciences*, 9(4), 188-194. <http://doi.org/10.1016/j.tics.2005.02.009>

11. Henderson, J. M. (2003). Human gaze control during real-world scene perception. *Trends in Cognitive Sciences*, 7(11), 498-504.
<http://doi.org/10.1016/j.tics.2003.09.006>

Required Reading:

1. Branan, N. (2010). Eye Movement May Be Key to Retrieve Unconscious Memories, *Scientific American Mind*
2. Fong, J. (2012) Eye-Opener: Why Do Pupils Dilate in Response to Emotional States? *Scientific American*
3. Doherty-Sneddon, G. (2008) Eyes: A New Window on Mental Disorders. *Scientific American*
4. Popovich, N. (2013). Eye-Tracking Software May Reveal Autism and other Brain Disorders. *Scientific American*
5. Martinez-Conde, S. (2015). Blind Justice: Biasing Moral Choices With Eye Tracking. *Scientific American*
6. Ehrlichman, H., & Micic, D. (2012). Why do people move their eyes when they think?. *Current Directions in Psychological Science*, 21(2), 96-100.
7. Rodriguez, T. (2013). Can Eye Movements Treat Trauma? *Scientific American*
8. 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.
9. Ferreira, F., Apel, J., & Henderson, J. M. (2008). Taking a new look at looking at nothing. *Trends in Cognitive Sciences*, 12(11), 405-410.
<http://doi.org/10.1016/j.tics.2008.07.007>
10. Hayhoe, M., & Ballard, D. (2005.). Eye movements in natural behavior. *Trends in Cognitive Sciences*, 9(4), 188-194. <http://doi.org/10.1016/j.tics.2005.02.009>
11. Henderson, J. M. (2003). Human gaze control during real-world scene perception. *Trends in Cognitive Sciences*, 7(11), 498-504.
<http://doi.org/10.1016/j.tics.2003.09.006>

Additional Reading Material:

xx

Course/Module evaluation:

End of year written/oral examination 0 %
Presentation 15 %
Participation in Tutorials 10 %
Project work 30 %
Assignments 0 %
Reports 0 %

Research project 45 %
Quizzes 0 %
Other 0 %

Additional information:

xx