

# Memory, Thinking, & Language

## E-415-HUMT



<b>Year</b>	2
<b>Semester</b>	Fall
<b>Type of course</b>	Core
<b>Prerequisites</b>	E-215-HSKY
<b>Schedule</b>	3 hours per week for 15 weeks; 6 ECTS
<b>Lecturer</b>	Kamilla Rún Jóhannsdóttir
<b>Content</b>	
<p>This course examines memory structures and processes, intelligence and thinking, and language. Topics considered will include cognitive processes underlying human reasoning , problem solving, and judgment; mental representation; computational models of mind; consciousness; and language development, word recognition and meaning, and speech comprehension.</p>	
<b>Learning outcome - On completing the course, each student should be able to:</b>	
<ul style="list-style-type: none"> <li>• Understand and explain the main concepts and cognitive processes within cognitive psychology.</li> <li>• Understand and explain the processing of knowledge in relation to attention, learning, and memory.</li> <li>• Name and explain the main theories and concepts which concern cognitive function.</li> <li>• Distinguish between and compare theories on cognitive function.</li> <li>• Be familiar with the research methods of cognitive psychology and the technology used in research and theorising.</li> <li>• Use the methods of cognitive psychology to set up and carry out their own research.</li> <li>• Interpret and evaluate the results of research in cognitive psychology both methodologically and in a theoretical context.</li> <li>• Understand when (and how) further research is needed.</li> <li>• Foresee what questions are still unanswered and find ways to answer them.</li> </ul>	
<b>Course assessment</b>	
<p>Assignments and final exam. Grades are given on a 0 – 10 point scale. The minimum grade to pass the course is 5.0. The student needs to get a minimum grade of 5.0 in the final exam and a minimum average grade of 5.0 for all course assessment.</p>	
<b>Reading material</b>	
<p>Smith, E. E. and Kosslyn S. M. (2008). <i>Cognitive Psychology: Mind and brain</i>. New Jersey: Pearson- Prentice Hall.</p>	

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<b>Teaching and learning activities</b>	
Lectures, in class exercises and discussions.	
<b>Language of instruction</b>	Icelandic