



**LUNDS**  
UNIVERSITET

## **Course literature for ALSM21, *Language and the brain*, 7, 5 credits**

*Approved by section 1 at the Centre for languages and literature, 22 April 2020.*

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### ***Obligatory literature***

- Kemmerer, David. (2015). *Cognitive neuroscience of language*. New York and London: Psychology Press. 485 pp.
- Novén, Mikael, Schremm, Andrea, Nilsson, Markus, Horne, Merle, & Roll, Mikael (2019). Cortical thickness of Broca's area and right homologue predict grammar learning aptitude and pitch discrimination proficiency, *Brain and Language*, 42-47. 5 pp.
- Roll, Mikael (2015). A neurolinguistic study of South Swedish word accents: Electrical brain potentials in nouns and verbs. *Nordic Journal of Linguistics*, 38(2), 149-162. 13 pp.
- Roll, Mikael, Söderström, Pelle, Frid, Johan, Mannfolk, Peter & Horne, Merle (2017). Forehearing words: Pre-activation of word endings at word onset. *Neuroscience Letters*, 658, 57-61. 4 pp.
- Schremm, Andrea, Novén, Mikael, Horne, Merle, Söderström, Pelle, van Westen, Danielle & Roll, Mikael (2018). Cortical thickness of planum temporale and pars opercularis in native language tone processing. *Brain and Language*, 176, 42-47. 5 pp.
- Shtyrov, Yury, Butorina, Anna, Nikolaeva, Anastasia, Stroganova, Tatiana (2014). Automatic ultrarapid activation and inhibition of cortical motor systems in spoken word comprehension. *Proceedings of the National Academy of Sciences*, 111(18), E1918-E1923. 5 pp.
- Söderström, Pelle, Horne, Merle, Mannfolk, Peter, van Westen, Danielle & Roll, Mikael (2018). Rapid syntactic pre-activation in Broca's area: Concurrent electrophysiological and haemodynamic recordings. *Brain Research*, 76-82. 6 pp.
- Tang, Claire, Hamilton, Liberty S., Chang, Edward F. (2017). Intonational speech prosody encoding in the human cortex. *Science*, 357, 797-801. 4 pp.

Total: 527 pp.

### ***Reference literature***

- Luck, Steven. (2005). *An introduction to the event related potential technique*. Cambridge Mass.: MIT Press. (Introduction). 48 pp.
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