

Course: Language, Cognition and the Brain

Teacher: Ethan Weed (ethan@cc.au.dk)

Textbooks:

- Kemmerer, David. Cognitive Neuroscience of Language (either edition)
- Navarro, Danielle & Weed, Ethan. [Learning Statistics with Python](#)

Exam: 10-12 page paper on a topic of your choice (but I need to approve your topic!). Group exams are also possible. Full details in the [study regulations](#) (Danish only).

Note: The schedule below should be mostly correct, but I may still make some small changes.

Week	Date	Type	Topic	Preparation
1	Sep 2	Lecture	Course Introduction	Maybe do some dynamic stretches?
	Sep 5	Lab	Stroop task	Perhaps some yoga, or breathing exercises?
2	Sep 9	Lecture	Classic Aphasia Syndromes	Kem. Chap 1, pp 3-9 Kem Chap 3
	Sep 12	Lab	Journal Club Group: Ethan	Monzel et al (2025)
3	Sep 16	Lecture	Primary Progressive Aphasia	Kem Chap 1, pp. 10-19 Kem Chap 4
	Sep 19	Lab	Statistics 1: Do we really have to?	N&W Part 1 Chapter 1: Why Do We Learn Statistics?
4	Sep 23	Lecture	Speech Perception	Kem Chap 1, pp. 20-27 Kem Chap 5
	Sep 26	Lab	Statistics 2: How to ask our questions	N&W Part 1 Chapter 2: Intro to Research Design
5	Sep 30	Lecture	Speech Production	Kem Chap 6, pp. 151- 177
	Oct 3	Lab	Statistics 3: How to evaluate our answers	N&W Part 4 Chapter 4: Hypothesis Testing
6	Oct 7	Lecture	Prosody	Kem Chap 7
	Oct 10	Lab	Journal Club Group: 6	Nieuwland & Van Berkum (2006)
	Fall break			

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7	Oct 21	Lab	Journal Club Group: 2	Pa & Hickock (2008)
	Oct 24	Lecture	Experiment + Semantics	Kem Chap 8
8	Oct 28	Lecture	Reading	Kem Chap 15
	Oct 31	Lab	Journal Club Group: 5	Liebenthal et al (2005)
9	Nov 4	Lecture	Dyslexia	Elliott & Grigorenko (2024)
	Nov 7	Lab	Journal Club Group: 3	Wong et al (2004)
10	Nov 11	Lecture	L1 Acquisition	Clark Chap ??
	Nov 14	Lab	Brains, brains, brains!	Visit to brain museum
11	Nov 18	Lecture	Bilingualism	Kem Chap 17
	Nov 21	Lab	Journal Club Group: 4	Beilock et al (2008)
12	Nov 25	Lecture	AI and LLMs	TBA
	Nov 28	Lab	Journal Club Group: 7	Lambon Ralph et al (2010)
13	Dec 2	Lecture	Journal Club Group: 1	Jescheniak and Levelt (1994)
	Dec 5	Lab	Summary + exam writing advice	