

Recommended literature for PROPSY305 Cognitive Psychology

Hver tittel på litteraturlisten er markert med én av følgende fargekoder:

0 - Ressursen finnes åpent på nettet, eventuelt også gjennom Oria (bibliotekets søkesystem)

1 - UiB betaler allerede for ressursen, - finnes gjennom søk i Oria

2 - Boken må kjøpes, eventuelt lånes/brukes på biblioteket

3 - Artikkelen/bokutdraget vil bli å få kjøpt i Litteraturkiosken.no

The course consists of 2 parts.

Theme 1: Basic cognitive processes and the contribution of the cognitive perspective to understanding higher mental processes.

(Tema 1: Basalkomponenter i kognisjon, og anvendelse av det kognitive perspektivet på høyere mentale prosesser)

For the topics of perception and attention, we recommend buying the text book *Cognitive Neuroscience: The biology of the mind* (4th edition) by Gazzaniga et al., Norton, 2014. This book can also be borrowed from the library. The following sections of the book are recommended course reading.

- Chapter 3 Methods of cognitive neuroscience (basic background reading), esp. pp. 95-98
- Chapter 5 Sensation and perception (some sections only), pp. 184-187, 189-206
- Chapter 6 Object recognition, pp. 219-221, 223-233, 236-269
- Chapter 7 Attention, pp.273-283, 285-313 (omit section on “Interplay between spatial and feature detection”)
- Chapter 8 The control of action (some sections only), pp. 363-366
- Chapter 11 Language, pp.484-487
- Chapter 12 Cognitive control, pp. 521-525, 539-556
- Chapter 14 Consciousness

For students with the 3rd edition of this book, suggested pages are as follows:

- Chapter 4 Methods of cognitive neuroscience, pp. 110-120, 141-144
- Chapter 5 Sensation and perception, pp. 177-206
- Chapter 6 Object recognition
- Chapter 7 The control of action, pp. 281-284
- Chapter 12 Attention and consciousness

For other topics, reading material will consist mainly of journal papers, chapters or lecturer’s notes that will be distributed online or as paper copies by teachers at the start of the course.

For lectures on memory, we can recommend the following text book: *Memory* (2nd edition) by Baddeley, A., Eysenck, M.W., & Anderson, M.C., Psychology Press, Hove and New York (2015). This book is available online at the university library www.uib.no/ub. It should be considered as background or reference reading. Review papers that follow the lecture topics on memory will be made available by the lecturer.

Theme 2: Research paper including design, evaluation and analysis of cognitive research.

(Tema 2: Emneoppgave med design, evaluering og analyse av kognitive forskning)

Reading for this course will be mainly based on research papers that students will search for themselves, and which will focus on the theme of the specific research paper chosen by each student group.