

Advances in Psycholinguistics (H002369)

Course size *(nominal values; actual values may depend on programme)*

Credits 3.0 **Study time 90 h**

Course offerings and teaching methods in academic year 2023-2024

A (semester 2)	English	Gent	lecture seminar
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Lecturers in academic year 2023-2024

Hartsuiker, Robert	PP02	lecturer-in-charge
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Offered in the following programmes in 2023-2024

	crdts	offering
Master of Science in Teaching in Behavioural Sciences(main subject Psychology)	3	A
Master of Science in Psychology(main subject Theoretical and Experimental Psychology)	3	A
European Master of Science in Clinical Linguistics	3	A
Master of Arts in Advanced Studies in Linguistics(main subject Cognitive and Functional Linguistics)	3	A
Master of Arts in Advanced Studies in Linguistics(main subject Linguistics in a Comparative Perspective)	3	A
Master of Arts in Advanced Studies in Linguistics(main subject Multilingual and Foreign Language Learning and Teaching)	3	A
Master of Arts in Advanced Studies in Linguistics(main subject Natural Language Processing: Theory and Practice)	3	A
Exchange Programme Linguistics and Literature	3	A

Teaching languages

English

Keywords

Psycholinguistics, predictive processing, semantics, information theory, education

Position of the course

This course contributes to **deeper knowledge** about psycholinguistics, in particular about recent and influential developments in the field.

Additionally, the course contributes to a **strengthening of several scientific skills**, including critical reflection about research, spoken and written presentation, and learning to collaborate with other students, in particular jointly taking a stand on a complex matter.

Contents

The course covers the following topics:

- prediction in language comprehension
- computational and embodied theories of semantics
- Information theory and language processing (all groups except EduMa)
- English as a medium of instruction in higher education (Eduma)

Initial competences

This course builds on certain course competences of Introduction to Psycholinguistics

Final competences

- 1 Provide a detailed description of the most important theories, findings, and open questions regarding three themes in psycholinguistics
- 2 Reflecting critically about the value of a concrete study or theory in psycholinguistics
- 3 Discussing critically and respectfully with peers about the merits of a concrete study in psycholinguistics
- 4 Reaching a consensus with ones peers about the strengths and weaknesses of a study and

defending this consensus in public

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Seminar, Lecture

Extra information on the teaching methods

Each lecture consists of the following elements:

- short lecture that sketches the context
- a student group present a research article
- short interventions from all other groups
- general discussion

Learning materials and price

Articles, background materials, slides on Ufora

Estimated price: 0 euro

References

- Pickering, M. J., & Gambi, C. (2018). Predicting while comprehending language: A theory and review. *Psychological Bulletin*, 144, 1002-1044.
- Barsalou, L. W. (1999). Perceptual symbol systems. *Behavioral and Brain Sciences*, 22, 577-660.
- Landauer, T. K., & Dumais, S. T. (1997). A solution to Plato's problem: the Latent Semantic Analysis Theory of acquisition, induction, and representation of knowledge. *Psychological Bulletin*, 104, 211-240.
- Hale, J. (2016). Information-theoretical complexity metrics. *Language and Linguistics Compass*, 10/9, 397-412.
- Roussel, S., Joulia, D., Tricot, A., & Sweller, J. (2017). Learning subject content through a foreign language should not ignore human cognitive architecture: a cognitive load theory approach. *Learning and Instruction*, 52, 69-79.

Course content-related study coaching

online support; by appointment; writing clinic

Assessment moments

continuous assessment

Examination methods in case of periodic assessment during the first examination period

Examination methods in case of periodic assessment during the second examination period

Examination methods in case of permanent assessment

Participation, Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible

Extra information on the examination methods

A short review paper (3-5 pages of content) about a topic that is related to one of the main themes

Calculation of the examination mark

Active participation is a condition to pass the course. Grade depends on the final paper.

Facilities for Working Students

Participation as a working student is possible, on the condition that one can participate in the live lecture **at least twice** and on the condition of active participation in the preparation for each class in one's subgroup.