

This course is an introduction to psycholinguistics, the study of how individuals comprehend, produce, and acquire language. As part of the larger field of cognitive science, psycholinguistics is an interdisciplinary field shaped by research in psychology, linguistics, artificial intelligence, neuroscience, and philosophy. We will primarily be concerned with questions such as: what does it mean to know a language? What are the cognitive processes involved in language use? What social rules are associated with language use? What brain mechanisms are active in language use?

COURSE CREDIT REQUIREMENTS

To meet the course credit requirements for this class, you are expected to

- attend class regularly
- come to class prepared, that is, do the required readings
- pass 2 unannounced little quizzes on material covered up until that class
- pass a midterm exam that covers the contents of the class to that date
- pass a final exam that covers the contents of the complete class.

For both the midterm exam and the final exam, you are allowed to bring all course materials, readings, notes, etc.

GRADING

Your final grade will depend on the number of points you score. You can get the maximum of 100 points if you

- attend all classes for a maximum of 45 points (each unexcused absence reduces your score by 1.5 points)
- pass 2 little quizzes for a maximum of 15 points
- pass the midterm exam for a maximum of 15 points
- pass the final exam for a maximum of 25 points

Should you not be satisfied with your performance on either exam or the grades for the quizzes, you can score a maximum of 10 additional points by handing in a special written assignment (feel free to talk to me about that anytime).

CONTACT

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INTRODUCTION

- 1 Sep 26 Introduction
- 2 Sep 29 Linguistic Basics I
- 3 Oct 1 Linguistic Basics II
- 4 Oct 3 Psychological Basics I
- 5 Oct 6 Psychological Basics II

COMPREHENSION

- 6 Oct 8 The Perception of Spoken Language
- 7 Oct 10 The Perception of Written Language
- 8 Oct 13 The Internal Lexicon I (Word Knowledge and Organization)
- 9 Oct 15 The Internal Lexicon II (Models of Lexical Access)
- 10 Oct 17 Sentence Comprehension and Memory I (Sentence Processing)
- 11 Oct 20 Sentence Comprehension and Memory II (Figurative Language)
- 12 Oct 22 Discourse Comprehension and Memory
- 13 Oct 24 Discourse Processing and Educational Implications

PRODUCTION & INTERACTION

- 14 Oct 27 Language Production I (Slips of the Tongue)
- 15 Oct 29 Review Session for Midterm Exam
- 16 Oct 31 **MIDTERM EXAM**
- 17 Nov 3 Language Production II (Planning/Implementing Production)
- 18 Nov 5 Conversational Interaction I (Structure)
- 19 Nov 7 Conversational Interaction II (Participants and Settings)

ACQUISITION

- 20 Nov 10 Language Acquisition I (Early FLA)
- 21 Nov 12 Language Acquisition II (Later FLA)
- 22 Nov 14 Language Acquisition III (SLA)

BIOLOGICAL FOUNDATIONS

- 23 Nov 17 Biological Foundations of Language I (Aphasia)
- 24 Nov 19 Biological Foundations of Language II (Lateralization)
- 25 Nov 21 Biological Foundations of Language III (Language Evolution)

CULTURE & COGNITION

- 26 Nov 24 Language, Culture, and Cognition I (Whorf Hypothesis)
- 27 Nov 26 Language, Culture, and Cognition I (Grammar and Cognition)

REVISION & EXAM (and hopefully some fun on top)

- 28 Dec 1 Make a Wish!
- 29 Dec 3 Revision
- 30 Dec 5 Revision and course evaluation
- 31 Dec 11 4-7pm: **FINAL EXAM**

REQUIRED READING

Carroll, David W. 2008. *Psychology of Language*. 5th ed. Thomson Wadsworth.

[Please read the relevant chapters in preparation for the class in question. I will point out which chapter to read every class. We will not read all the chapters in the book; accordingly, the exams and quizzes will only be based on the chapters that we read and discuss together.]

SUGGESTIONS FOR FURTHER READINGS (NOT OBLIGATORY)**Introductory references and surveys**

- Aitchison, Jean. 1998. *The articulate mammal: an introduction to psycholinguistics*. 4th ed. London: Routledge.
- Aitchison, Jean. 2002. *Words in the mind: an introduction to the mental lexicon*. 3rd ed. Oxford: Blackwell.
- Bock, J. Kathryn and John Huitema. 1999. Language production. In: Garrod, Simon and Martin Pickering (eds.). *Language processing*. Hove: Psychology Press, p. 365-88.
- Carroll, David W. 2004. *Psychology of language*. 4th ed. Belmont, CA: Wadsworth/Thomson.
- Crystal, David. 1987. *The Cambridge encyclopedia of language*. Cambridge: Cambridge University Press.
- Crystal, David. 1997. *The Cambridge encyclopedia of language*. 2nd ed. Cambridge: Cambridge University Press.
- Field, John. 2003. *Psycholinguistics: a resource book for students*. London: Routledge.
- Garman, Michael. 1990. *Psycholinguistics*. Cambridge: Cambridge University Press.
- Garrod, Simon. 1999. The challenge of dialogue for theories of language processing. In: Garrod, Simon and Martin Pickering (eds.). *Language processing*. Hove: Psychology Press, p. 389-415.
- Garrod, Simon and Martin Pickering (eds.). 1999. *Language processing*. Hove: Psychology Press.
- Gernsbacher, Morton A. (ed.). 1994. *Handbook of psycholinguistics*. San Diego, CA: Academic Press. (new edition to be published at the end of 2006)
- Gernsbacher, Morton A. and Julie A. Foertsch. 1999. Three models of discourse comprehension. In: Garrod, Simon and Martin Pickering (eds.). *Language processing*. Hove: Psychology Press, p. 283-99.
- Gerrig, Richard J. and Philip G. Zimbardo. *Psychology and life*. 17th ed. Boston, MA: Pearson Allyn and Bacon.
- Gleason, Jean Berko. 1997. *Psycholinguistics*. 2nd ed. Belmont, CA: Wadsworth/Thomson.
- Harley, Trevor A. 2001. *The psychology of language: from data to theory*. 2nd ed. Oxford: Taylor and Francis.
- Kess, Joseph F. 1992. *Psycholinguistics: psychology, linguistics, and the study of natural language*. Amsterdam, Philadelphia: John Benjamins.
- Pickering, Martin. 1999. Sentence comprehension. In: Garrod, Simon and Martin Pickering (eds.). *Language processing*. Hove: Psychology Press, p. 123-53.
- Scovel, Thomas. 1998. *Psycholinguistics*. Oxford: Oxford University Press.
- Smith Cairns, Helen. 1999. *Psycholinguistics: an introduction*. Austin, TX: Pro-Ed.

- Steinberg, Danny D. 1993. *An introduction to psycholinguistics*. London, New York: Longman.
- Steinberg, Danny D., Hiroshi Nagata, and David P. Aline (eds.). 2001. *Psycholinguistics: language, mind, and world*. 2nd ed. London: Longman.
- Steinberg, Danny D. and Natalia V. Sciarini. 2006. *An introduction to psycholinguistics*. 2nd ed. London: Pearson Longman.
- Wikipedia contributors. Psycholinguistics [Internet]. Wikipedia, The Free Encyclopedia; 2006 September 9, 15:09 UTC [cited 2006 Sep 10]. Available from: <http://en.wikipedia.org/w/index.php?title=Psycholinguistics&oldid=74723973>.

Research papers and monographs

- Brooks, Patricia J. and Michael Tomasello. 1999. Young children learn to produce passives with nonce verbs. *Developmental Psychology* 35.1:29-44.
- Cutler, Anne. 1981. The reliability of speech error data. *Linguistics* 19.7/8:561-82.
- Jurafsky, Daniel. 2003. Probabilistic modeling in psycholinguistics: linguistic comprehension and production. In: Bod, Rens, Jennifer Hay and Stefanie Jannedy (eds.). *Probabilistic linguistics*. Cambridge, MA: The MIT Press, p. 39-95.
- Levelt, Willem J.M. 1989. *Speaking: from thinking to articulation*. Cambridge, MA: The MIT Press.
- Marslen-Wilson, William. 1987. Functional parallelism in spoken word-recognition. *Cognition* 25.1/2:71-102.
- Pederson, Eric, Eve Danziger, David Wilkins, Stephen Levinson, Sotaro Kita, and Gunter Senft. 1998. Semantic Typology and Spatial Conceptualization. *Language* 74.3:557-89.
- Pickering, Martin J. and Holly P. Branigan. 1998. The representation of verbs: evidence from syntactic priming in language production. *Journal of Memory and Language* 39.4:633-51.
- Tomasello, Michael and Nameera Akhtar. 2003. What paradox? A response to Naigles (2002). *Cognition* 88.3:317-23.

Some fun stuff

- Classics in the history of psychology: <<http://psychclassics.yorku.ca/topic.htm>>
- Psycholinguistic nonsense: <<http://human-brain.org/nonsense.html>>